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## PREFACE

This volume is a continuation of the decennial bibliography<sup>1</sup> of the University of Chicago, and contains the published work of members of the institution from July 1, 1902, to June 30, 1916. Each person's list is confined to the period of his connection with the University. So far as membership in the Faculty is concerned, this period is indicated by the dates in brackets after the name; and the appearance, in anyone's list, of publications of earlier date implies connection with the University in some other capacity than that of member of the Faculty. For example, many instructors are graduates of the University and published books or articles while they were students. Such work is included. On the other hand, some publications are listed which bear a date later than the author's connection with the University. In these cases the work was done during his term of residence, though not published till later. This is very common among the Doctors of Philosophy, who under the University regulations are not required to print their theses till two years after graduation. Books and articles which were in the hands of publishers on June 30, 1916, were accepted by the Committee, and, as many of these have been published while this volume was going through the press, the date 1917 not infrequently appears.

The publications of members of institutions affiliated with the University of Chicago are not included, except where, as in the Otho S. A. Sprague Memorial Institute, the work has been done in the laboratories or libraries of the University. Where persons hold concurrent appointments in the University and some other institution, only those writings are listed which may reasonably be credited to the former.

After each individual's name is given his position in the University, followed, in the case of those who have resigned, by the title of the position now held. The academic record inserted does not aim to give a complete statement of all stages of advancement or honors, but includes only the most notable. A conspectus of editorial activities and of affiliations with commissions, surveys, etc., precedes the bibliographical list proper. The latter includes books, articles, and reviews,

<sup>1</sup> *Publications of the Members of the University of Chicago*. "The Decennial Publications," First Series, Vol. II. Chicago: University Press, 1904.

the titles being arranged chronologically within their respective groups. Of the reviews only the more important have been cited with full bibliographical detail.

Where an instructor is a member of more than one department or has been transferred from one department to another, his list is given under the department with which he is more closely identified or to which he now belongs. No one's list is divided, even articles on general educational questions or on other subjects not immediately connected with the author's specialty being included with his departmental writings. The names of Doctors of Philosophy or of graduate students given among the members of the Faculty are not repeated in the doctoral or student lists.

The Committee wishes to express its appreciation of the assistance rendered by the members of the Faculty who acted as advisers for their departments and whose co-operation has greatly facilitated the compilation of the volume.

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## THE DEPARTMENTS



## THE DEPARTMENT OF PHILOSOPHY

**JAMES HAYDEN TUFTS** [1892-], Professor and Head of the Department of Philosophy.

A.B. Amherst, 1884; D.B. Yale, 1889; Ph.D. Freiburg i. B., 1892; LL.D. Amherst, 1904; Assistant Professor of Philosophy, Chicago, 1892-94; Associate Professor, *ibid.*, 1894-1900; Dean of the Senior Colleges, *ibid.*, 1899-1904, 1907-8; Professor, *ibid.*, 1900-; Head of the Department of Philosophy, *ibid.*, 1905-.

President, Western Philosophical Association, 1906, 1914; President, American Philosophical Association, 1914.

Editor, of the *School Review*, 1906-9; of the *International Journal of Ethics*, 1914-; of *Studies in Philosophy and Psychology*, by Former Students of Charles Edward Garman. 8vo, xxiv+411. Boston: Houghton Mifflin Co., 1906; and of *Letters, Lectures, and Addresses of Charles Edward Garman*. 8vo, xiii+616. Boston: Houghton Mifflin Co., 1909.

*The Individual and His Relation to Society as Reflected in British Ethics*. Part II: "The Individual in Economic and Social Relations." 8vo, 58. University of Chicago Contributions to Philosophy, Vol. I, No. 6, 1904; published also as Monograph Supplement of *Psychological Review*, 1904.

*Ethics* (with John Dewey). American Science Series. 8vo, xiii+618. New York: Henry Holt & Co., 1908.

The Social Standpoint, *Journal of Philosophy, Psychology, and Scientific Methods*, I (1904), 197-200.

The Liberal and the Practical in Education, *Monson Academy Centennial Proceedings* (1904), 12-18.

Social Psychology in Small's *General Sociology*, *Psychological Bulletin*, II (1905), 393-98.

Some Contributions of Psychology to the Conception of Justice (President's Address before the Western Philosophical Association), *Philosophical Review*, XV (1906), 361-79; published also in *Michigan Law Review*, V (1906), 79-93.

Westermarck on the Origin of Moral Ideas, *Psychological Bulletin*, III (1906), 400-403.

On Moral Evolution, in *Studies in Philosophy and Psychology*, by Former Students of Charles Edward Garman (1906), 3-39.

- On the Psychology of the Family, *Psychological Bulletin*, IV (1907), 371-74.
- The Adjustment of the Church to the Psychological Conditions of the Present, *American Journal of Theology*, XII (1908), 177-88.
- Ethical Value, *Journal of Philosophy, Psychology, and Scientific Methods*, V (1908), 517-22.
- How Far Is Formal Systematic Instruction Desirable in Moral Training in the Schools? *Religious Education*, III (1908), 121-25.
- The American College and Life, *Science*, XXIX (1909), 407-14.
- Darwin and Evolutionary Ethics, *Psychological Review*, XVI (1909), 195-206.
- The Problem of Moral Education in the Public Schools as Affected by the Changed Conditions in Industry and Home Life, *Religious Education*, IV (1909), 343-48.
- The Present Task of Ethical Theory, *International Journal of Ethics*, XX (1910), 141-52.
- The Ultimate Test of Religious Truth: Is It Historical or Philosophical? *American Journal of Theology*, XIV (1910), 16-24.
- Recent Literature on Social Psychology, *Psychological Bulletin*, VII (1910), 406-12.
- Recent Discussions of Moral Evolution, *Harvard Theological Review*, V (1912), 157-79.
- The University and the Advance of Justice, *University of Chicago Magazine*, V (1913), 186-98.
- The Use of Legal Material in Teaching Ethics, *Journal of Philosophy, Psychology, and Scientific Methods*, IX (1913), 460-62.
- The Teaching of Ideals, *School Review*, XXII (1914), 326-33.
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- Ethics of States, *Philosophical Review*, XXIV (1915), 131-49.
- Why Should Law and Philosophy Get Together? *International Journal of Ethics*, XXV (1915), 188-95.

The Test of Religion. In *University of Chicago Sermons* (edited by T. G. Soares; Chicago: University Press, 1915), pp. 89-106.

The Ethics of the Family, *Annual Report of National Conference of Charities and Corrections* (1915), 24-37; published also in *International Journal of Ethics*, XXVI (1916), 223-40.

REVIEWS OF: Ward, Pure Sociology, *Philosophical Review*, XIII, 347-51; Lipps, Grundlegung der Aesthetik, *ibid.*, 677-81; Croce, Philosophy of the Practical, *ibid.*, XXIV, 321-25; Sumner, Folkways, *Psychological Bulletin*, IV, 384-88; Ellwood, Sociology in Its Psychological Aspects, *ibid.*, IX, 461-65; Ross, Social Psychology, *Journal of Philosophy, Psychology, and Scientific Methods*, VI, 357-61. Other reviews in *Philosophical Review*, X, 179-80, 329-31, 574, 674-78; XIV, 717-20; XVII, 199-202; XX, 317-20; *Psychological Bulletin*, I, 394-96, 474-76; III, 404-8; V, 391-94; VI, 118-20; *International Journal of Ethics*, XX, 358-61; *American Journal of Theology*, XV, 148-51; *Harvard Law Review*, XXVI, 279-80.

JOHN DEWEY [1894-1904], Professor and Head of the Department of Philosophy; Director of the School of Education; Head of the Department of Philosophy, Columbia University.

A.B. Vermont, 1879; Ph.D. Johns Hopkins, 1884; LL.D. Wisconsin, 1904; Instructor in Philosophy, Michigan, 1884-86; Assistant Professor, *ibid.*, 1886-88; Professor of Philosophy, Minnesota, 1888-89; Professor of Philosophy, Michigan, 1889-94; Professor and Head of the Department of Philosophy, Chicago, 1894-1904; Director of the School of Education, *ibid.*, 1902-4.

President of the American Psychological Association, 1899-1900.

Shortening the Years of Elementary Schooling, *School Review*, XI (1903), 17-20.

Emerson, Philosopher of Democracy, *International Journal of Ethics*, XIII (1903), 405-13.

The Psychological and the Logical in Teaching Geometry, *Educational Review*, XXVI (1903), 387-99.

GEORGE HERBERT MEAD [1894-], Professor of Philosophy.

A.B. Harvard, 1883; Assistant Professor of Philosophy, Michigan, 1893-94; Assistant Professor, Chicago, 1894-1902; Associate Professor, *ibid.*, 1902-7; Professor, *ibid.*, 1907-.

Editor of the Social Psychology number of the *Psychological Bulletin*, December 1, 1912.

A Report on Vocational Training in Chicago and in Other Cities (with E. A. Wreidt and W. J. Bogan). 8vo, xiii+315. Chicago: City Club, 1912; now published by the University of Chicago Press.

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- Concerning Animal Perception, *Psychological Review*, XIV (1907), 383-90.
- The Philosophic Basis of Ethics, *International Journal of Ethics*, XVIII (1908), 311-23.
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- The Social Settlement: Its Basis and Function, *University Record*, XII (1908), 108-10.
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- What Social Objects Must Psychology Presuppose? *Journal of Philosophy, Psychology, and Scientific Methods*, VII (1910), 174-80.
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- The Social Self, *Journal of Philosophy, Psychology, and Scientific Methods*, X (1913), 374-80.
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ADDISON WEBSTER MOORE [1895-], Professor of Philosophy.

A.B. DePauw, 1890; Ph.D. Chicago, 1898; Assistant Professor of Philosophy, *ibid.*, 1902-4; Associate Professor, *ibid.*, 1904-9; Professor, *ibid.*, 1909-.

President, Western Philosophical Association, 1912.

*Pragmatism and Its Critics*. 8vo, xi+283. Chicago: University Press, 1910.

Some Logical Aspects of Purpose. In Dewey, *Studies in Logical Theory*. Decennial Publications of the University of Chicago, Second Series, XI (1903), chap. xi, 341-82.

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Pragmatism, Science, and Truth, *Philosophical Review*, XXIV (1915), 631-38.

REVIEWS OF: The University of California Publications, Vol. I: Philosophy, *Psychological Bulletin*, III, 18-25; Baldwin, Thoughts and Things, *ibid.*, IV, 81-88; Santayana, The Life of Reason, *Journal of Philosophy, Psychology, and Scientific Methods*, III, 211-21; Santayana, Reason in Science, *ibid.*, 469-71; Studies in Philosophy (Garman Commemorative Volume), *ibid.*, 531-37. Other reviews in *Philosophical Review*, XIII, 569-72; XVII, 669-772; XXI, 833-34; *American Journal of Theology*, XIII, 477-78; XVIII, 312-13; *School Review*, XVII, 582-83; *Psychological Bulletin*, VII, 302-3; *Journal of Philosophy, Psychology, and Scientific Methods*, VIII, 717-18; *Science*, XXXIII, 775-77; *International Journal of Ethics*, XXV, 554-56.

EDWARD SCRIBNER AMES [1896-7; 1900-], Assistant Professor of Philosophy.

A.B. Drake, 1889; D.B. Yale, 1892; Ph.D. Chicago, 1895; Professor of Philosophy and Pedagogy, Butler, 1897-1900; Assistant Professor of Philosophy, Chicago, 1909-.

*The Psychology of Religious Experience*. 8vo, xii+428. Boston: Houghton Mifflin Co., 1910.

*The Higher Individualism*. 162. Boston: Houghton Mifflin Co., 1915.

Theology from the Standpoint of Functional Psychology, *American Journal of Theology*, X (1906), 219-32.

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Mystic Knowledge, *American Journal of Theology*, XIX (1915), 250-67.

Prayer. In *University of Chicago Sermons* (edited by T. G. Soares; Chicago: University Press, 1915), pp. 165-80.

MYRON LUCIUS ASHLEY [1905-], Extension Assistant Professor of Philosophy; Head of Department of Psychology, Chicago Normal College.

Ph.B. Northwestern, 1894; A.M. Harvard, 1900; Ph.D. Chicago, 1901.

The Nature of Hypothesis. Doctor's thesis. In Dewey, *Studies in Logical Theory*. Decennial Publications of the University of Chicago, Second Series, XI (1903), chap. vii, 143-82.

WILLIAM KELLEY WRIGHT [1907-9], Associate in Philosophy; Assistant Professor of Philosophy, Dartmouth College.

A.B. Chicago, 1899; Ph.D. Chicago, 1906; Instructor in Philosophy, Indiana, 1906; Instructor in Philosophy, Texas, 1906-7; Associate in Philosophy, Chicago, 1907-9.

*The Ethical Significance of Feeling, Pleasure, and Happiness in Modern Non-Hedonistic Systems*. Doctor's thesis. 8vo, 95. Philosophic Studies, No. 1. Chicago: University Press, 1907.

Happiness as an Ethical Postulate, *Philosophical Review*, XVII (1908), 518-28.

REVIEWS IN: *Psychological Bulletin*, IV, 390, 396-99; V, 25-26.

ELIZABETH KEMPER ADAMS, PH.D. 1904; Professor of Education, Smith College.

*The Aesthetic Experience; Its Meaning in a Functional Psychology*. Doctor's thesis. 8vo, 114. Chicago: University Press, 1907.

MATILDE CASTRO, PH.D. 1907; Professor (elect) of Education, and Director of the Phebe Anna Thorne Model School, Bryn Mawr College.

*The Respective Standpoints of Psychology and Logic.* Doctor's thesis. 8vo, 77. Philosophic Studies, No. 4. Chicago: University Press, 1913.

GEORGE TILDEN COLMAN, PH.D. 1914; Instructor in Philosophy, MacKenzie College, São Paulo, Brazil.

*Important Factors in the Transition from Individualistic Ethical Ideals of the Seventeenth Century to Social Ideals of the Nineteenth Century.* Doctor's thesis. 8vo, 110. Menasha, Wis.: George Banta Publishing Co. In Press.

JOHN FORSYTH CRAWFORD, PH.D. 1913; Professor of Philosophy, Beloit College.

*Relation of Inference to Fact in Mill's Logic.* Doctor's thesis. 8vo, 50. Philosophic Studies, No. 5. Chicago: University Press, 1916.

CLARENCE HERBERT HAMILTON, PH.D. 1914; Professor of Philosophy and Psychology, University of Nanking, Nanking, China.

*A Psychological Interpretation of Mysticism.* Doctor's thesis. 8vo, 85. Privately printed, 1916.

FREDERICK GOODRICH HENKE, PH.D. 1910; Professor of Philosophy and Education, Allegheny College, Meadville, Pa.

*A Study in the Psychology of Ritualism.* Doctor's thesis. 8vo, vii+96. Chicago: University Press, 1910.

Experiments on Tactual Sensations of the White Rat (with E. S. Bogardus), *Journal of Animal Behavior*, I (1911), 125-37.

ELIJAH JORDAN, PH.D. 1911; Professor of Philosophy, Butler College, Indianapolis, Ind.

*The Constitutive and Regulative Principles in Kant.* Doctor's thesis. 8vo, 53. Chicago: University Press, 1912.

IRVING KING, PH.D. 1904; Assistant Professor of Education, State University of Iowa, Iowa City.

*The Psychology of Child Development.* 8vo, ix+265. Chicago: University Press, 1903.

*The Differentiation of the Religious Consciousness.* Doctor's thesis. 8vo, iv+72. New York: Macmillan Co., 1905.

ETHEL MAY KITCH, PH.D. 1914; Associate Professor of Philosophy, Oberlin College.

*Origin and Development of Subjectivity in Hindu Thought.* Doctor's thesis. 8vo, 82. Philosophic Studies, No. 7. Chicago: University Press, 1917.

IRVING ELGAR MILLER, PH.D. 1904; Assistant Professor of Philosophy and Education, University of Rochester.

*The Significance of the Mathematical Element in the Philosophy of Plato.* Doctor's thesis. 8vo, iii+96. Chicago: University Press, 1904.

HOMER BLOSSER REED, PH.D. 1912; Assistant Professor of Psychology and Philosophy, University of Idaho, Moscow.

*The Morals of Monopoly and Competition.* Doctor's thesis. iii+143. Menasha, Wis.: George Banta Publishing Co., 1916.

ELLA HARRISON STOKES, PH.D. 1910; Professor of Philosophy and Education, Penn College, Oskaloosa, Iowa.

*The Conception of a Kingdom of Ends in Augustine, Aquinas, and Leibniz.* Doctor's thesis. 8vo, iv+129. Chicago: University Press, 1912.

ANNA LOUISE STRONG, PH.D. 1908; United States Children's Bureau, Washington, D.C.

*The Psychology of Prayer.* Doctor's thesis. 12mo, 122. Chicago: University Press, 1909.

DAGNY GUNHILDA SUNNE, PH.D. 1909; Instructor in Psychology, Newcomb College, Tulane University, New Orleans.

*Some Phases in the Development of the Subjective Point of View during the Post-Aristotelian Period.* Doctor's thesis. 8vo, 96. Philosophic Studies, No. 3. Chicago: University Press, 1911.

JULIA JESSIE TAFT, PH.D. 1913; State Charities Aid Association, New York City.

*The Woman Movement from the Point of View of Social Consciousness.* Doctor's thesis. 8vo, x+62. Philosophic Studies, No. 6. Chicago: University Press, 1916.

ERNEST LYNN TALBERT, PH.D. 1909; Extension Assistant Professor of Psychology, University of Chicago; Director of Admissions and Secretary of the Faculty, University of Cincinnati.

*Dualism of Fact and Idea.* Doctor's thesis. 8vo, 52. Chicago: University Press, 1910.

*Opportunities in School and Industry.* 8vo, 64. Chicago: University Press, 1912.

Two Modern Social Philosophies, *International Journal of Ethics*, XXI (1910), 68-82.

Recent Treatments of Social Grouping, *Psychological Bulletin*, VIII (1911), 417-27.

The Play Attitude and the School Fraternity, *Popular Science Monthly* (1915), 472-77.

REVIEWS OF: Leuba, Psychology of Religion, *Philosophical Review*, XXVII (1913), 424-31. Other reviews in *Psychological Bulletin*, VIII, 428-32; X, 471-75; XI, 478-81; *Philosophical Review*, XXIII, 572-73.

BENJAMIN WHITMAN VAN RIPER, PH.D. 1912; Assistant Professor of Psychology, Pennsylvania State College.

*Some Views of the Time Problem.* Doctor's thesis. 8vo, 99. Menasha, Wis.: George Banta Publishing Co., 1916.

CHARLES EDGAR WITTER, PH.D. 1912; Principal of the Bryan Hill School, St. Louis, Mo.

*Pragmatic Elements in Kant's Philosophy.* Doctor's thesis. 8vo, iv+76. Chicago: University Press, 1913.

## THE DEPARTMENT OF PSYCHOLOGY

JAMES ROWLAND ANGELL [1894-], Professor and Head of the Department of Psychology; Director of the Psychological Laboratory; Dean of the Faculties of Arts, Literature, and Science.

A.B. Michigan, 1890; A.M. *ibid.*, 1891; Litt.D. Vermont, 1915; Assistant Professor of Experimental Psychology, Chicago, 1894-1901; Associate Professor, *ibid.*, 1901-4; Professor and Director of the Psychological Laboratory, *ibid.*, 1904-; Head of the Department of Psychology, *ibid.*, 1905-; Dean of the Senior Colleges, *ibid.*, 1908-11; Dean of the Faculties of Arts, Literature, and Science, *ibid.*, 1911-.

President of the American Psychological Association, 1906; appointed Exchange Professor at the Sorbonne, 1914.

Co-operating Editor, Baldwin's *Dictionary of Philosophy and Psychology*, 1901-2; Editor of the Psychological Monographs, 1909-.

- Report to the American Psychological Association of the Committee on Standardizing Tests, *Psychological Bulletin*, V (1908), 37, 38; Report to the same Association (with President Sanford of Clark College) on The Teaching of Psychology in Colleges and Universities with Laboratories, *Psychological Monographs*, XII (1910), No. 51, 94; Report to the same Association on Standardizing Tests for Mental Imagery, *Psychological Monographs*, XIII (1911), 62-108; Report (with other members of a commission) of the United States Bureau of Education Survey of the Higher Institutions of the State of Iowa, 1916.
- Psychology*. 8vo, vii+402. New York: Henry Holt & Co., 1904; 4th ed., rewritten and enlarged, 8vo, 468, 1908.
- Chapters from Modern Psychology*. 8vo, vii+308. New York: Longmans, Green, & Co., 1912.
- Psychology and Social Welfare, *Chautauquan*, XL (1905), 453-59.
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- Psychology at the St. Louis Congress, *Journal of Philosophy, Psychology, and Scientific Methods*, II (1905), 533-46.
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- Entrance Requirements at the University of Chicago, *Science* (1911), 945-50.
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The Junior-College Movement in High Schools, *School Review*, XXIII (1915), 289-302.

A Reconsideration of James's Theory of Emotion, *Psychological Review*, XXIII (1916), 251-61.

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HARVEY CARR [1908-], Associate Professor of Psychology.

S.B. Colorado, 1901; S.M. *ibid.*, 1902; Ph.D. Chicago, 1905; Assistant Professor of Psychology, *ibid.*, 1908-16; Associate Professor, *ibid.*, 1916-.

Review Editor, *Journal of Animal Behavior*, 1914-; Advisory Editor, *Journal of Experimental Psychology*, 1916-.

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JOSEPH WANTON HAYES [1909-], Assistant Professor of Psychology.

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ERNEST LYNN TALBERT [1903-5; 1911-], Extension Assistant Professor of Psychology; Director of Admissions and Secretary of the Faculty, University of Cincinnati. See under Department of Philosophy, p. 10.

JOHN BROADUS WATSON [1903-8], Assistant Professor of Experimental Psychology; Professor of Psychology and Director of the Psychological Laboratory, Johns Hopkins University.

A.M. Furman University, 1897; Ph.D. Chicago, 1903; Assistant in Experimental Psychology, *ibid.*, 1903-4; Instructor, *ibid.*, 1904-8; Assistant Professor, *ibid.*, 1908.

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ELLSWORTH FARIS [1913; 1914-15], Instructor in Psychology; Associate Professor of Psychology, State University of Iowa, Iowa City.

S.B. Texas Christian University, 1894; A.M. *ibid.*, 1906; Ph.D. Chicago, 1914; Professor of Philosophy and Psychology, Texas Christian University, 1906-11; Assistant in Psychology, Chicago, 1913; Assistant Professor of Philosophy, State University of Iowa, 1913-14; Instructor in Psychology, Chicago, 1914-15.

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WARNER FITE [1897-1903], Instructor in Experimental Psychology; Stuart Professor of Ethics, Princeton University.

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HARRY DEXTER KITSON [1914-], Instructor in Psychology.

A.B. Hiram College, 1909; Ph. D. Chicago, 1915; Assistant in Psychology, Minnesota, 1912-13; Associate in Psychology, Chicago, 1914-15; Instructor, *ibid.*, 1915-.

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WALTER VAN DYKE BINGHAM [1906-8], Associate in Psychology; Professor of Psychology, Carnegie Institute of Technology, Pittsburgh. A.B. Beloit, 1901; Ph.D. Chicago, 1908; Associate in Psychology, Chicago, 1906-8.

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KARL TINSLEY WAUGH [1907-9], Associate in Psychology; Professor of Psychology and Philosophy, Beloit College.

A.B. Ohio Wesleyan, 1900; Ph.D. Harvard, 1907; Professor of Philosophy and Mathematics, Claflin University, 1901-4; Assistant in Philosophy, Harvard, 1906-7; Associate in Psychology, Chicago, 1907-9.

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HENRY FOSTER ADAMS [1910-11], Assistant in Psychology; Instructor in Psychology, University of Michigan.

Ph.B. Wesleyan, 1905; Ph.D. Chicago, 1910; Assistant in Psychology, *ibid.*, 1910-11.

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JESSIE BLOUNT ALLEN (MRS. W. W. CHARTERS), PH.D. 1904; Columbia, Mo.

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JASPER CONVERSE BARNES, PH.D. 1911; Dean and Professor of Psychology, Maryville College, Maryville, Tenn.

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JUNE ETTA DOWNEY, PH.D. 1907; Professor of Philosophy, University of Wyoming, Laramie.

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GRACE MAXWELL FERNALD, PH.D. 1907; Instructor in Psychology, State Normal School, Los Angeles, Cal.

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MABEL RUTH FERNALD, PH.D. 1910; Psychologist and Director, Laboratory of Social Hygiene, Bedford Hills, New York.

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KATE GORDON, PH.D. 1903; Assistant Professor of Psychology, Carnegie Institute of Technology, Pittsburgh.

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WALTER SAMUEL HUNTER, PH.D. 1912; Professor of Psychology, University of Kansas, Lawrence.

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LOUIS AUGUSTUS PECHSTEIN, PH.D. 1916; Assistant Professor of Psychology, University of Rochester.

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FLEMING ALLEN CLAY PERRIN, PH.D. 1913; Instructor in Psychology, University of Pittsburgh.

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HARVEY ANDREW PETERSON, PH.D. 1909; Professor of Psychology, Illinois State Normal University, Normal.

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JOSEPH PETERSON, PH.D. 1907; Professorial Lecturer in Psychology, University of Minnesota.

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CARL LEO STAHR RAHN, PH.D. 1912; Instructor in Psychology, University of Illinois.

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FLORENCE ELLA RICHARDSON, PH.D. 1908; Professor of Psychology, Drake University, Des Moines, Iowa.

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SARAH MARGARET RITTER, PH.D. 1916; Instructor in Psychology, Winthrop College, Rock Hill, S.C.

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ARTHUR HOWARD SUTHERLAND, PH.D. 1909; Instructor in Psychology, Yale University.

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HELEN BRADFORD THOMPSON (MRS. PAUL WOOLEY), PH.D. 1900; Director of Cincinnati Survey of Working Children, Cincinnati, Ohio.

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STELLA BURNHAM VINCENT, PH.D. 1912; Instructor in Psychology, Chicago Normal College.

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CLARA JEAN WEIDENSALL, PH.D., 1910; New York, N.Y.

*Studies in Rhythm.* Doctor's thesis. 8vo, 40. Cincinnati: Bohnett & Co., 1916.

CLARENCE STONE YOAKUM, PH.D. 1908; Adjunct Professor of Philosophy, University of Texas, Austin.

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FREDERICK GOODRICH HENKE. *See under* Department of Philosophy, p. 9.

VINNIE C. HICKS, Graduate Student.

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R. L. KELLY, Graduate Student.

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C. R. SQUIRE, Graduate Student.

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ANNA WYCZOLKOWSKA, Graduate Student.

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### THE DEPARTMENT OF EDUCATION

CHARLES HUBBARD JUDD [1909-], Professor and Head of the Department of Education; Director of the School of Education.

A.B. Wesleyan, 1894; Ph.D. Leipzig, 1896; LL.D. Miami, 1909; LL.D. Wesleyan, 1913; Professor of Experimental Psychology, New York, 1898-1901; Professor of Psychology and Education, Cincinnati, 1901-2; Assistant Professor of Psychology, Yale, 1904-7; Professor and Director of the Psychological Laboratory, *ibid.*, 1907-9; Professor and Head of the Department of Education and Director of the School of Education, Chicago, 1909-.

Member, Council of American Psychological Association, 1907-8; President, American Psychological Association, 1909; President, National Society of College Teachers of Education, 1910 and 1915-16; Member, National Council of Education, 1911-.

Editor, Department of Psychology, Monroe's *Cyclopedia of Education*, 1908-13; Editor, *Elementary School Journal*, 1909-; Member, Editorial Board, *School Review*, 1909-.

Secretary of the Commission of the North Central Association of Colleges and Secondary Schools, 1913-; publications: (1) *List of Approved Colleges and Universities in the North Central Association of Colleges and Secondary Schools for 1913*, School Review Monographs, No. 4 (1913), 8vo, 32; (2) *A Study of the Colleges and High Schools in the North Central Association*, United States Bureau of Education Bulletin, No. 630 (1915), 5-30; (3) *Proceedings of the North Central Association*, 1913, 1914, 1915.

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Chairman of the Joint Committee on the Relations between the University of Chicago and Co-operating Secondary Schools; report in *School Review*, XIX (1911), 124-27.

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Editor of the Yearbooks of the National Society for the Study of Education, 1911-15.

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Member of (1) South Bend (Indiana) Survey; Report, 8vo, 102. South Bend: School Board, 1914; (2) San Antonio (Texas) Survey: Report, 8vo, 256. San Antonio: School Board, 1915; (3) Cleveland Survey: *What the Schools Teach and Might Teach*. 12mo, 110. Cleveland: Survey Committee, 1915; (4) Denver Survey: *General Organization and Administration*. 8vo, 120. Denver: Survey Committee, 1916; (5) Grand Rapids (Michigan) Survey.

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A.B. Wesleyan, 1900; A.M. *ibid.*, 1903; Ph.D. Columbia, 1905; Instructor in Education, Wisconsin, 1905-7; Assistant Professor, *ibid.*, 1907-9; Associate Professor of Education, Chicago, 1909-12.

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FRANK NUGENT FREEMAN [1909-], Associate Professor of Educational Psychology.

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Co-operating Investigator with Committee on Economy of Time of Department of Superintendence, 1914.

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MARCUS WILSON JERNEGAN [1902-6; 1908-], Associate Professor of History. See under Department of History, p. 60.

FRANK MITCHELL LEAVITT [1910-], Associate Professor of Industrial Education.

Principal, Manual Training Schools, Boston, 1892-1906; Associate Professor of Industrial Education, Chicago, 1910-.

Secretary, Department of Manual Training, National Education Association, 1904, 1905; President, *ibid.*, 1906, 1907; President, Eastern Manual Training Association, 1908; President, Illinois Manual Arts Association, 1912, 1913; President, National Vocational Guidance Association, 1914.

Associate Editor, *Manual Training and Vocational Education*.

Member, Commission on the Reorganization of Secondary Education of the National Education Association.

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GEORGE HERBERT LOCKE [1899-1905], Associate Professor of Education; Chief Librarian, Public Library, Toronto, Canada. See under College of Education, p. 485.

HERMAN CAMPBELL STEVENS [1913-], Associate Professor of Education.

A.B. Michigan, 1901; Ph.D. Cornell, 1905; M.D. Rush Medical College, 1913; Assistant Professor of Psychology, Washington, 1905-11; Associate Professor, *ibid.*, 1911-13; Associate Professor of Education, Chicago, 1913-.

Member of the Chicago City Council Crime Commission, and author of the following articles in the Commission's Report (1915): (1) The Examination of Sixty-five Female Prisoners of the House of Correction, pp. 96-99; (2) The Examination of Sixty-three Juvenile Delinquents in the John Worthy School, pp. 106-13.

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WILLARD CLARK GORE [1902-16], Assistant Professor of Psychology, the College of Education.

Ph.B. Michigan, 1894; Ph.D. Chicago, 1901; Assistant Professor of Psychology, Chicago, 1902-16.

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WILLIAM SCOTT GRAY [1914-], Assistant Professor of Education; Dean of the College of Education.

S.B. Chicago, 1913; Ph.D. *ibid.*, 1916; Assistant in Education, *ibid.*, 1914-15; Instructor, *ibid.*, 1915-17; Assistant Professor, *ibid.*, 1917-.

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S.B. Dartmouth, 1908; Ph.D. Illinois, 1915; Instructor in Education, Chicago, 1915-17; Assistant Professor, *ibid.*, 1917-.

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KATHARINE E. DOPP [1902-], Extension Instructor in Education.

Ph.B. Michigan, 1893; Ph.D. Chicago, 1902; Assistant in Pedagogy, State Normal School, Oshkosh, Wis., 1899-1900; Extension Associate in Education, Chicago, 1902-5; Extension Instructor in Education, *ibid.*, 1905-.

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CLARENCE TRUMAN GRAY [1915-17], Research Instructor in Education; Instructor in Education, University of Texas, Austin.

A.B. Indiana, 1904; Ph.D. Chicago, 1916.

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JONATHAN FRENCH SCOTT [1910-13], Instructor in the History of Education; Cambridge, Mass.

A.B. Rutgers, 1902; A.M. *ibid.*, 1905; Instructor in History, Bowdoin, 1909-10; Instructor in the History of Education, Chicago, 1910-13.

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JOHN ADDISON CLEMENT, PH.D. 1911; Professor of Education, DePauw University, Greencastle, Ind.

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JOSEPH KINMONT HART, PH.D. 1909; Assistant Professor of Education, University of Washington, Seattle.

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CLARA SCHMITT, PH.D. 1914; Child Study Expert, Board of Education, Chicago.

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## THE DEPARTMENT OF POLITICAL ECONOMY

JAMES LAURENCE LAUGHLIN [1892-1916], Professor and Head of the Department of Political Economy. Retired.

A.B. Harvard, 1873; Ph.D. *ibid.*, 1876; Doctor *honoris causa*, Giessen, 1906; Assistant Professor of Political Economy, Harvard, 1883-88; Professor of Political Economy and Finance, Cornell, 1890-92; Professor and Head of the Department of Political Economy, Chicago, 1892-1916.

Member, Cobden Club; Member, L'Institut International de Statistique; Member, Indianapolis Monetary Commission, 1898; Exchange Professor in Berlin, 1906; Delegate, Pan-American Scientific Congress, 1908-9; Chairman, Executive Committee, National Citizens League for the Promotion of a Sound Banking System, 1911-13.

Member of the Editorial Board, *Journal of Political Economy*, 1892-1916.

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LEON CARROLL MARSHALL [1907-], Professor of Political Economy; Dean of the Senior Colleges and of the School of Commerce and Administration.

A.B. Harvard, 1901; Professor of Economics, Ohio Wesleyan, 1903-7; Assistant Professor of Political Economy, Chicago, 1907-8; Associate Professor, *ibid.*, 1908-11; Dean of the School of Commerce and Administration, *ibid.*, 1909; Professor, *ibid.*, 1911-; Dean of the Senior Colleges, 1911-.

Member of the Editorial Board, *Journal of Political Economy*, 1907-; Member of the Editorial Board of the series, *Materials for the Study of Economics*; Editor of the series, *Materials for the Study of Business*.

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ERNEST RITSON DEWSNUP [1904-7], Professorial Lecturer on Railways, and Curator of the Museum of Commerce; Professor of Railway Administration, University of Illinois.

B.A. Victoria University, Manchester, 1895; M.A. *ibid.*, 1900; Warburton Prizeman in Local Government and Stanley Jevons Student in Economic Research; Sikes Lecturer in Economics and Head of the Department of Higher Commercial Education, Technical College of Huddersfield, England, 1899-1903; Lecturer in Railway Transport, University of Manchester, 1903-4; Professorial Lecturer on Railways and Curator of the Museum of Commerce, Chicago, 1904-7. Fellow of the Royal Statistical Society.

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JOHN MAURICE CLARK [1915-], Associate Professor of Political Economy.

A.B. Amherst, 1905; Ph.D. Columbia, 1910; Instructor in Economics, Colorado College, 1908-10; Associate Professor of Economics, Amherst, 1910-15; Associate Professor, Chicago, 1915-.

Member of the Editorial Board, *Journal of Political Economy*, 1915-.

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HERBERT JOSEPH DAVENPORT [1902-8], Associate Professor of Political Economy; Professor of Economics, Cornell University.

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Member of the Editorial Board, *Journal of Political Economy*, 1908-; Managing Editor, *ibid.*, 1909-10, 1911-; Chairman of the Editorial Board of the series, *Materials for the Study of Economics* (7 volumes published).

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Director of the Agricultural Guild, 1908-13.

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Member of the Editorial Board, *Journal of Political Economy*, 1906-16.

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HENRY RAND HATFIELD [1898-1904], Assistant Professor of Political Economy; Dean of the College of Commerce and Administration; Professor of Accountancy, University of California.

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Secretary of the Western Economic Society, 1914-.

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Managing Editor of the *Journal of Political Economy*, 1900-1906.

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ISAAC LIPPINCOTT, PH.D. 1912; Assistant Professor of Economics, Washington University, St. Louis.

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GEORGE ASBURY STEPHENS, PH.D. 1909; Associate Professor of Economics, University of Nebraska, Lincoln.

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WILLIAM WALKER SWANSON, PH.D. 1908; Assistant Professor of Economics, Queen's University, Kingston, Canada.

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MURRAY SHIPMAN WILDMAN, PH.D. 1904; Professor and Head of the Department of Economics, Leland Stanford Junior University.

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ANNA PRITCHETT YOUNGMAN, PH.D. 1908; Instructor in Economics, Wellesley College.

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Associate Editor, *Political Science Review*; Associate Editor, *National Municipal Review*.

- Secretary, Chicago Harbor Commission (Report, 383 pp., 1909);  
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 1909-11); Director, Chicago Bureau of Public Efficiency, 1909-11;  
 Chairman, Executive Committee, *ibid.*, 1911-14 (Reports, 1909-11,  
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 Chairman, Chicago Crime Commission (Report, 196 pp., 1915).
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Ph.B. Franklin, 1898; Ph.D. Chicago, 1907.

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Ph.B. Chicago, 1902; Legislative Reference Librarian, New York State Library, 1907-8; Instructor, Chicago, 1908-.

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SAMUEL MACCLINTOCK, PH.D. 1908; Secretary, LaSalle Extension University, Chicago.

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SUSAN WADE PEABODY, PH.D. 1908; Chicago, Ill.

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## THE DEPARTMENT OF HISTORY

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Director, Bureau of Historical Research of Carnegie Institution, 1903-5.

Member of the Editorial Board, *American Historical Review*, 1898-1914; Managing Editor, *ibid.*, 1901-5; Editor (with A. B. Hart) of the *Cyclopaedia of American Government*, Vols. I, II, III, 4to, 732, 773, 785. New York: D. Appleton & Co., 1914-.

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See under Department of Oriental Languages and Literatures, p. 90.

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S.B. Virginia Polytechnic Institute, 1895; S.M. *ibid.*, 1897; Ph.D. Leipzig, 1900; Professor of History, Randolph-Macon, 1900-1908; Professor of American History, Chicago, 1908-.

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Managing Editor, *American Historical Review*, 1895-1901, 1905-; Member of the Editorial Board, *ibid.*, 1902-.

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EDWIN ERLE SPARKS [1895-1908], Professor of American History; President of the Pennsylvania State College.

A.B. Ohio State, 1884; Ph.D. Chicago, 1899; Lecturer in American History, American Society for the Extension of University Teaching, 1892-95; Lecturer, Chicago, 1895-96; Assistant Professor, *ibid.*, 1897-1901; Associate Professor, *ibid.*, 1901-4; Professor of American History, *ibid.*, 1905-8.

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BENJAMIN TERRY [1892-], Professor of English History.

A.B. Colgate, 1878; Ph.D. Freiburg i. B., 1892; LL.D. Colgate, 1903; Professor of Civil History, *ibid.*, 1885-89; Professor of History and Political Science, *ibid.*, 1889-92; Professor of Mediaeval and English History, Chicago, 1892-1910; Dean of the Senior Colleges, *ibid.*, 1895-99; Professor of English History, *ibid.*, 1910-.

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JAMES WESTFALL THOMPSON [1895-], Professor of Mediaeval History.

A.B. Rutgers, 1892; Ph.D. Chicago, 1895; Assistant Professor of European History, *ibid.*, 1904-8; Associate Professor, *ibid.*, 1908-13; Professor of Mediaeval History, *ibid.*, 1913-.

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GEORGE ELLIOTT HOWARD [1903-4], Professorial Lecturer on History; Professor of Political Science and Sociology, University of Nebraska.

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CONYERS READ [1910-], Associate Professor of History.

A.B. Harvard, 1903; Ph.D. *ibid.*, 1908; B.Litt. Oxford, 1910; Assistant Professor of History, Chicago, 1912-15; Associate Professor, *ibid.*, 1915-.

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FRANCIS WAYLAND SHEPARDSON [1892-1917], Associate Professor of American History; Director of Registration and Education of the State of Illinois.

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Lecturer on American History, Teachers' Assembly, Baguio, Philippine Islands, 1911, 1914.

Editor of *The University Extension World*, 1893-97; Editorial Writer, *Chicago Daily Tribune*, 1906-10.

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OLIVER JOSEPH THATCHER [1892-1906], Associate Professor of Mediaeval and English History; Beaumont, Cal.

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CARL FREDERICK HUTH, JR. [1910-], Assistant Professor of History.

A.B. Wisconsin, 1904; A.M. *ibid.*, 1905; Instructor in History, Chicago, 1910-14; Assistant Professor, *ibid.*, 1914-.

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EARL EVELYN SPERRY [1909-11], Assistant Professor of History; Professor of European History, Syracuse University.

Ph.B. Syracuse, 1898; Ph.D. Columbia, 1903; Instructor in History, Syracuse, 1902-5; Associate Professor, *ibid.*, 1905-8; Professor, *ibid.*, 1908-9; Assistant Professor of History, Chicago, 1909-11.

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CURTIS HOWE WALKER [1909-], Assistant Professor of History.

A.B. Yale, 1899; Ph.D. *ibid.*, 1905; Assistant Professor of History, Chicago, 1911-.

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DICE ROBINS ANDERSON [1908-9], Instructor in History; Head of the Department of History and Political Science, Richmond College, Virginia.

A.B. Randolph-Macon, 1900; Ph.D. Chicago, 1912; President, Willie Halsell College, I.T., 1906-7; Instructor in History, Chicago, 1908-9.

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JULIAN PLEASANT BRETZ [1906-8], Instructor in History; Professor of American History, Cornell University.

A.B. William Jewell College, 1899; Ph.D. Chicago, 1906; Assistant in History, *ibid.*, 1906-7; Instructor, *ibid.*, 1907-8.

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ANDREW EDWARD HARVEY [1909-], Instructor in History.

A.B. Princeton, 1898; D.B. Union Theological Seminary, 1901; Ph.D. Marburg University, 1906; Instructor in European History, Leland Stanford Junior, 1907-8; Instructor in History, Chicago, 1909-.

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EDWARD BENJAMIN KREHBIEL [1907-9], Instructor in History; Professor of European History, Leland Stanford Junior University.

A.B. Kansas, 1902; Ph.D. Chicago, 1906; Instructor in History, *ibid.*, 1907-9.

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† AGNES M. WERGELAND [1900-1902], Instructor in History.

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CATHARINE CAROLINE CLEVELAND, PH.D. 1914; Chicago.

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FRANCES GARDINER DAVENPORT, PH.D. 1904; Assistant, Department of Historical Research, Carnegie Institution, Washington.

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ELMER CUMMINGS GRIFFITH, PH.D. 1902; Professor of History and Political Science, William Jewell College, Liberty, Mo.

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CLEO CARSON HEARON, PH.D. 1913; Professor of History, Ripon College.

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REGINALD CHARLES MCGRANE, PH.D. 1915; Instructor in History, University of Cincinnati.

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EDGAR HOLMES MCNEAL, PH.D. 1902; Assistant Professor of European History, Ohio State University, Columbus.

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WILLIAM RAY MANNING, PH.D. 1904; Adjunct Professor of History, University of Texas, Austin.

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DAVID RICHARD MOORE, PH.D. 1910; Professor of Mediaeval and Modern European History, Oberlin College.

*Canada and the United States, 1815-1830*. Doctor's thesis. 8vo, 131. Chicago: Jennings and Graham, 1910.

CHARLES OSCAR PAULLIN, PH.D. 1904; Member of Staff, Department of Historical Research, Carnegie Institution, Washington.

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THEODORE CALVIN PEASE, PH.D. 1914; Associate in History, University of Illinois.

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MILO MILTON QUAIFE, PH.D. 1908; Secretary, Wisconsin State Historical Society, Madison.

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JAMES GARFIELD RANDALL, PH.D. 1911; Professor of History and Economics, Roanoke College.

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ELMER ARTHUR RILEY, PH.D. 1911; Professor of Economics and Sociology, Ohio Wesleyan University, Delaware.

*The Development of Chicago and Vicinity as a Manufacturing Center Prior to 1880.* Doctor's thesis. 8vo, 139. Chicago: McElroy Publishing Co., 1911.

C. HENRY SMITH, PH.D. 1907; Professor of Social Science, Bluffton College, Bluffton, Ohio.

*Mennonites of America.* Doctor's thesis. 8vo, 147. Scottdale, Pa.: Mennonite Publishing House, 1909.

SCHUYLER BALDWIN TERRY, PH.D. 1910; Lee, Higginson and Co., Chicago.

*The Financing of the Hundred Years' War, 1337-1360.* Doctor's thesis. 8vo, xx+196. London: School of Economics, 1914.

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Annual Director of the American School of Classical Studies at Athens, 1888-89; Secretary, *ibid.*, 1892-93.

Member of Board of Editors, *Studies in Classical Philology*, University of Chicago, 1895-1907; and of *Classical Philology*, 1906-.

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JAMES HENRY BREASTED [1894-], Professor of Egyptology and Oriental History. See under Department of Oriental Languages and Literatures, p. 90.

GEORGE BREED ZUG [1903-13], Assistant Professor of the History of Art; Assistant Professor of Modern Art, Dartmouth College.

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RICHARD OFFNER [1915-], Instructor in the History of Art.

A.B. Harvard, 1912; Ph.D. Vienna, 1914; Instructor in the History of Art, Chicago, 1915-.

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CAROLINE LOUISE RANSOM (MRS. GRANT WILLIAMS), PH.D. 1905; Toledo, Ohio.

*Couches and Beds of the Greeks, Etruscans, and Romans.* Doctor's thesis. 4vo, 128. Chicago: University Press, 1905.

## THE DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

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Vice-President and Member of Organizing Committee, International Congress of Arts and Science, St. Louis Exposition, 1904; President, American Sociological Society, 1912-14.

Editor, *America Journal of Sociology*, 1895-.

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†CHARLES RICHMOND HENDERSON, Professor and Head of the Department of Sociology in the Divinity School. *See under* Divinity School, p. 464.

MARION TALBOT, Professor of Household Administration. *See under* Department of Household Administration, p. 83.

WILLIAM ISAAC THOMAS [1894-], Professor of Sociology.

A.B. Tennessee, 1884; Ph.D. Chicago, 1896; Adjunct Professor of English and Modern Languages, Tennessee, 1887-88; Professor of English, Oberlin, 1889-94; Professor of Sociology, *ibid.*, 1894-95; Assistant Professor of Sociology, Chicago, 1896-1900; Associate Professor, *ibid.*, 1900-1910; Professor, *ibid.*, 1910-.

Member of the Editorial Board, *American Journal of Sociology*.

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- A.B. Yale, 1885; Ph.D. Chicago, 1896; Assistant in Sociology, Chicago, 1894-95; Instructor, *ibid.*, 1895-96; Assistant Professor, *ibid.*, 1896-1900; Associate Professor, *ibid.*, 1900-1904; Dean of the Junior Colleges, *ibid.*, 1900-1907; Professor of Sociology, *ibid.*, 1904-11; Dean of the Faculties of Arts, Literature, and Science, *ibid.*, 1907-11.
- Vice-Principal, Chautauqua System, 1888-1911; President, Chautauqua Institution, 1907-15.
- Literary Editor, Chautauqua Press, 1886; Member of the Editorial Board, *American Journal of Sociology*, 1895-1911.
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CHARLES ZUEBLIN [1892-1908], Professor of Sociology; Lecturer, Boston, Mass.

Ph.B. Northwestern, 1887; D.B. Yale, 1889; Secretary, Chicago Society for University Extension, 1892; Secretary of Class Work, Extension Division, Chicago, 1892-93; Secretary of Lecture-Study, *ibid.*, 1894; Extension Instructor in Sociology, *ibid.*, 1892-95; Extension Assistant Professor, *ibid.*, 1895-96; Associate Professor of Sociology, Chicago, 1896-1902; Professor, *ibid.*, 1902-8.

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ROBERT EZRA PARK [1913-], Professorial Lecturer in Sociology.

Ph.B. Michigan, 1887; Ph.D. Heidelberg, 1904; Assistant in Philosophy, Harvard, 1903-5; Professorial Lecturer in Sociology, Chicago, 1913-.

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SCOTT ELIAS WILLIAM BEDFORD [1911-], Associate Professor of Sociology.

A.B. Baker, 1902; L.H.D. Vermont, 1911; Assistant Professor of History, Baker, 1902-5; Professor of Sociology, Miami, 1908-11; Assistant Professor of Sociology, Chicago, 1911-16; Associate Professor, *ibid.*, 1916-.

Secretary and Treasurer, American Sociological Society, 1911-.

Member, Board of Editors, *American Journal of Sociology*; Managing Editor, *Papers and Proceedings of the American Sociological Society*, 1912-.

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GEORGE AMOS DORSEY [1905-15], Associate Professor of Anthropology.

A.B. Denison, 1888; Ph.D. Harvard, 1894; LL.D. Denison, 1909; Professor of Comparative Anatomy, Northwestern, 1900-; Assistant Professor of Anthropology, Chicago, 1905-9; Associate Professor, *ibid.*, 1909-15.

Assistant Curator of Somatology, Field Museum of Natural History, 1896-97; Curator, Department of Anthropology, *ibid.*, 1897-; Hon. Commissioner to Peru and Ecuador, World's Columbian Exposition, 1891-92; President, American Folk-Lore Society, 1902; President, Geographic Society of Chicago, 1908.

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FREDERICK STARR [1892-], Associate Professor of Anthropology.

A.B. Lafayette, 1882; S.M. and Ph.D. *ibid.*, 1885; Sc.D. *ibid.*, 1907; Professor of Biological Science, Coe College, 1884-87; Assistant Professor of Anthropology, Chicago, 1892-95; Associate Professor, *ibid.*, 1895-.

In charge of Department of Ethnology, American Museum of Natural History, 1889-91.

Member of the Editorial Board, *American Journal of Sociology*; Editor of the *Narrative of the Expedition Despatched to Musahdu by the Liberian Government under Benjamin J. U. Anderson in 1874*. 8vo, 43. Moravia: Privately printed, 1912.

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ERNEST WATSON BURGESS [1916-], Assistant Professor of Sociology.

A.B. Kingfisher College, 1908; Ph.D. Chicago, 1913; Assistant Professor of Sociology, Kansas, 1913-15; Assistant Professor of Economics and Sociology, Ohio State University, 1915-16; Assistant Professor of Sociology, Chicago, 1916-.

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IRA WOODS HOWERTH [1894-1912], Assistant Professor of Sociology; Professor of Education and Director of the University Extension, University of California.

A.B. Harvard, 1893; Ph.D. Chicago, 1897; Extension Lecturer in Sociology and Political Economy, *ibid.*, 1894-95; Assistant in Sociology, *ibid.*, 1895-96; Secretary, University Extension Class-Study Department, *ibid.*, 1896-1900; Instructor in Sociology, *ibid.*, 1896-1902; Assistant Professor, *ibid.*, 1902-12.

Secretary, Illinois Educational Commission, 1908-10; publications, (Springfield, Ill.): *Report*, 272; and the following bulletins: No. 1, *A Tentative Plan for a State Board of Education*, 38; No. 2, *A Tentative Plan for a County Board of Education with Suggestions in Regard to the County Superintendency*, 53; No. 3, *A Tentative Plan for the Certification of Teachers*, 32; No. 4, *A Tentative Plan for Making the Township the Unit of Organization*, 47; No. 5, *Tentative Recommendations Concerning County Teachers' Institutes*, 57; No. 6, *A Revision of the General School Law of Illinois*, 87; No. 7, *Minimum Salaries for Teachers*, 37; No. 8, *Bills for Providing* (1) *A State Board of Education*, (2) *The Certification of Teachers*, (3) *Township Organization of Rural Schools*, 8; No. 9, *Preliminary Report to the General Assembly*, 47.

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- ANNIE MARION MACLEAN [1900-], Extension Assistant Professor of Sociology.
- A.B. Acadia, 1893; Ph.D. Chicago, 1900; Professor of Sociology, Adelphi College, 1906-12; Professor of Sociology, National Training School of Y.W.C.A. (New York), 1906-12.
- Director, Sociological Investigation Committee of National Board of Y.W.C.A., 1907-9.
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EDITH ABBOTT [1909-10; 1914-], Lecturer in Methods of Social Investigation.

A.B. Nebraska, 1901; Ph.D. Chicago, 1905; Instructor in Economics, Wellesley, 1907-8; Associate Director, Department of Social Investigation and Staff Lecturer, Chicago School of Civics and Philanthropy 1908-; Special Lecturer in Political Economy, Chicago, 1909-10; Lecturer in Sociology, Chicago, 1914-.

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B. WARREN BROWN [1915-], Instructor in Sociology.

A.B. Beloit, 1907; Instructor in Economics, Fargo College, 1910; Professor, *ibid.*, 1911; Research Assistant, International Prison Committee, 1914-15; Instructor in Sociology, Chicago, 1915-.

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MARY E. McDOWELL [1894-], Head Resident of the University of Chicago Settlement; Special Instructor in Sociology.

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LUTHER LEE BERNARD, PH.D. 1910; Assistant Professor of Sociology, University of Missouri, Columbia.

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EMORY STEPHEN BOGARDUS, PH.D. 1911; Professor and Head of the Department of Sociology, University of Southern California, Los Angeles.

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MANUEL CONRAD ELMER, PH.D. 1914; Assistant Professor of Sociology, University of Kansas, Lawrence.

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FRANCES FENTON (MRS. L. L. BERNARD), PH.D. 1910; Columbia, Mo.

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HERBERT EASTON FLEMING, PH.D. 1905; Chicago.

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HECTOR MACPHERSON, PH.D. 1910; Professor of Economics, Oregon Agricultural College, Corvallis.

*Co-operative Credit Associations in the Province of Quebec.* Doctor's thesis. 8vo, 96. Kingston, Ontario: Jackson Press, 1910.

EBEN MUMFORD, PH.D. 1906; State Leader of Farm Management, Field Studies and Demonstrations, East Lansing, Mich.

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CECIL CLARE NORTH, PH.D. 1908; Assistant Professor of Sociology, Ohio State University, Columbus.

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MABEL CARTER RHOADES, PH.D. 1906; Professor of Economics and Sociology, Wells College, Aurora, N.Y.

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THOMAS JAMES RILEY, PH.D. 1904; General Secretary, Bureau of Charities, Brooklyn, N.Y.

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EDWIN HARDIN SUTHERLAND, PH.D. 1913; Professor of Sociology, William Jewell College, Liberty, Mo.

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ERVILLE BARTLETT WOODS, PH.D. 1906; Assistant Professor of Sociology, Dartmouth College.

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## THE DEPARTMENT OF HOUSEHOLD ADMINISTRATION

MARION TALBOT [1892-], Professor of Household Administration;  
Dean of Women.

A.B. Boston, 1880; S.B. Massachusetts Institute of Technology, 1888; LL.D. Cornell, 1904; Lecturer, Lasell Seminary, 1888-91; Instructor in Domestic Science, Wellesley College, 1890-92; Assistant Professor of Sanitary Science, Chicago, 1892-95; Dean of Women, *ibid.*, 1892-; Associate Professor of Household Administration, *ibid.*, 1895-1905; Professor, *ibid.*, 1905-.

Member of the Editorial Board, *American Journal of Sociology*, 1895-.

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SOPHONISBA PRESTON BRECKINRIDGE [1899-], Assistant Professor of Social Economy in the Department of Household Administration; Assistant Dean of Women.

S.B. Wellesley, 1888; Ph.D. Chicago, 1901; J.D. *ibid.*, 1904; Assistant Dean of Women, *ibid.*, 1902-; Assistant Professor of Household Administration, *ibid.*, 1909-10; Assistant Professor of Social Economy, *ibid.*, 1910-; Dean, Chicago School of Civics and Philanthropy, 1908-.

Editor of *The Child in the City* (Papers Presented at Chicago Child-Welfare Exhibit). 8vo, xiii+502. Chicago: Chicago School of Civics and Philanthropy, 1912.

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ALICE PELOUBET NORTON [1901-13], Assistant Professor of Household Administration.

A.B. Smith, 1882; A.M. *ibid.*, 1897; Lecturer on Home Sanitation, Lasell Seminary, 1893-99; Lecturer Y.W.C.A. School of Domestic Science, Boston, 1895-1900; Assistant Professor of the Teaching of Home Economics, School of Education, Chicago, 1901-4; Assistant Professor of Household Administration, Chicago, 1904-13.

Editor of *The Journal of Home Economics*.

*The Selection of Food: A Reading Course for Farmers' Wives.* 8vo, 8. Ithaca: Cornell University, 1906.

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## THE DEPARTMENT OF COMPARATIVE RELIGION

GEORGE BURMAN FOSTER [1895-], Professor of the Philosophy of Religion.

A.M. West Virginia, 1884; Ph.D. (hon.) Denison, 1892; Professor of Philosophy, McMaster, 1892-95; Associate Professor of Systematic Theology, Chicago, 1895-97; Professor, *ibid.*, 1897-1905; Professor of the Philosophy of Religion, *ibid.*, 1905-.

*The Finality of the Christian Religion.* 8vo, xi+518. Chicago: University Press, 1906.

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XIII, XVII, XIX; *Biblical World*, XXI, XLI.

† GEORGE STEPHEN GOODSPEED [1892-1905], Professor of Comparative  
Religion and Ancient History.

A.B. Brown, 1880; D.B. Baptist Union Theological Seminary, 1883; Ph.D. Yale,  
1891; Associate Professor of Comparative Religion and Ancient History, Chicago,  
1892-98; Professor, *ibid.*, 1898-1905.

*A History of the Ancient World for High Schools and Academies.* 8vo,  
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† Deceased.

† CHARLES CUTHBERT HALL [1902-3; 1906-7], Professorial Lecturer on the Barrows Lectureship.

A.B. Williams, 1872; D.D. University of New York, 1890; Harvard, 1897; Yale, 1901; LL.D. Union University, 1905; President, Union Theological Seminary, 1897-1908; Barrows Lecturer in India, University of Chicago, 1902-3; Haskell Lecturer, *ibid.*, 1903; Barrows Lecturer in India (second appointment), 1906-7.

*Christian Belief Interpreted by Christian Experience.* The Barrows Lectures for 1902-3. 8vo, xli+255. Chicago: University Press, 1905.

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LAETITIA MOON CONARD [1915-], Extension Assistant Professor of Comparative Religion.

A.B. Smith, 1894; Ph.D. Chicago, 1899.

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EDMUND BUCKLEY [1894-1907], Docent in Comparative Religion; Kramer, Ind.

A.B., A.M. Michigan, 1884; Ph.D. Chicago, 1894; Professor of Philosophy, Doshisha College, Kyoto, Japan, 1886-92; Docent in Comparative Religion, Chicago, 1894-1907.

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REVIEWS OF: Gulick, Evolution of the Japanese, *American Journal of Sociology*, IX, 716-21; Hearn, Japan, *ibid.*, X, 545-50.

ANDREW PETER FORS, PH.D. 1904; Clergyman, Chicago.

*The Ethical World-Conception of the Norse People.* Doctor's thesis. 8vo, 57. Chicago: University Press, 1904.

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† Deceased.

## THE DEPARTMENT OF ORIENTAL LANGUAGES AND LITERATURES

†WILLIAM RAINEY HARPER [1891-1906], President of the University; Professor and Head of the Department of Semitic Languages and Literatures.

A.B. Muskingum College, 1870; Ph.D. Yale, 1875; D.D. Colby, 1891; LL.D. Nebraska, 1893, Tulane, 1901, Yale, 1901, Johns Hopkins, 1902, Baylor, 1903, Wisconsin, 1904, Toronto, 1904; Principal, Masonic College, 1875-76; Tutor in Preparatory Department, Denison, 1876-79; Principal, *ibid.*, 1879-80; Professor of Hebrew and Cognate Languages, Baptist Union Theological Seminary, 1879-86; Professor of Semitic Languages, Yale, 1886-91; Woolsey Professor of Biblical Literature, *ibid.*, 1889-91; President of the University of Chicago, 1891-1906.

Principal of the American Institute of Sacred Literature, 1889-1906; Principal, Chautauqua College of Liberal Arts, 1885-91; Principal, Chautauqua System, 1891-98; Chairman of the Executive Board of the Religious Education Association, 1903-6.

Founder (1882) and Editor of the *Hebrew Student*, which became successively the *Old Testament Student*, the *Old and New Testament Student*, and the *Biblical World*; Founder (1884) and Editor of *Hebraica*, which subsequently became the *American Journal of Semitic Languages and Literatures*; Collaborating Editor of the *American Journal of Theology*, 1897-1906; Chairman of the editorial committee of *Christendom* and of the *World To-Day*; General Editor of *Ancient Records*; Editor (with E. D. Burton) of the *Constructive Bible Studies*.

*Religion and the Higher Life.* 16mo, viii+184. Chicago: University Press, 1904.

*The Structure of the Text of the Book of Amos.* 4to, 38. Chicago: University Press, 1904.

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JAMES HENRY BREASTED [1894-], Professor of Egyptology and Oriental History; Chairman, Department of Oriental Languages and Literatures; Director of Haskell Oriental Museum.

A.B. Northwestern, 1888; Ph.D. Berlin, 1894; Hon. D.B. Chicago Theological Seminary, 1898; Assistant Director, Haskell Oriental Museum, Chicago, 1895-1901; Assistant Professor of Egyptology, *ibid.*, 1898-1902; Director of Haskell Oriental Museum, *ibid.*, 1901-; Associate Professor of Egyptology and Semitic Languages, *ibid.*, 1902-5; Professor of Egyptology and Oriental History, *ibid.*, 1905-; Chairman, Department of Oriental Languages and Literatures, *ibid.*, 1915-.

Director of the Egyptian Expedition of the University of Chicago in the Sudan, 1905-7; Corresponding Member of the Royal Academy of Berlin, 1907; Morse Lecturer, Union Theological Seminary, 1912; Ann Mary Brown Lecturer, Brown University, 1912-13.

Co-operating Editor, *American Journal of Semitic Languages and Literatures*, 1902-; Member of Editorial Board, *American Journal of Theology*, 1912-; Co-operating Editor, *Biblical World*, 1899-; Editor of *Ancient Records of Egypt*; Collaborator on *Egyptian Dictionary of Royal Academies of Germany*, at Berlin, 1899-1900.

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†ROBERT FRANCIS HARPER [1892-1914], Professor of the Semitic Languages and Literatures.

A.B. Old University of Chicago, 1883; Ph.D. Leipzig, 1886; LL.D. Muskingum College, 1902; Instructor in Semitic Languages, Yale, 1887-88, 1889-91; Associate Professor of the Semitic Languages and Literatures, Chicago, 1892-1900; Professor, *ibid.*, 1900-1914; Acting Head of the Department of Semitic Languages and Literatures, 1906-13.

Assyriologist to the University of Pennsylvania Expedition of the Babylonian Exploration Fund, 1888-89; Director, Oriental Exploration Fund for Babylonia, 1903-14; Director, American School for Oriental Study and Research in Palestine, 1908-9.

Co-operating Editor, *American Journal of Semitic Languages and Literatures*, 1891-1902; Managing Editor, *ibid.*, 1902-6; Editor, *ibid.*, 1906-14; Co-operating Editor, *Biblical World*, 1893-1914; Member of Editorial Board, *American Journal of Theology*, 1897-1914.

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REVIEW OF: Johns, Assyrian Deeds and Documents, *American Journal of Semitic Languages and Literatures*, XIX, 118-22.

JAMES RICHARD JEWETT [1902-11], Professor of the Arabic Language and Literature; Professor of Arabic, Harvard University.

A.B. Harvard, 1884; Ph.D. Strassburg, 1890; Instructor in Semitic Languages, Harvard, 1887-88; Instructor in Semitic Languages, Brown, 1890-91; Associate Professor of Semitic Languages and Oriental History, *ibid.*, 1891-95; Professor of Semitic Languages and History, Minnesota, 1895-1902; Professor of Arabic Language and Literature, Chicago, 1902-11.

Co-operating Editor, *American Journal of Semitic Languages and Literatures*, 1902-11.

*Mir'at az-Zamân*. 4to, xiv+529. Chicago: University Press, 1907.

IRA MAURICE PRICE [1892-], Professor of the Semitic Languages and Literatures; Secretary of the Department.

A.B. Denison, 1879; D.B. Baptist Union Theological Seminary, 1882; Ph.D. Leipzig, 1886; LL.D. Denison, 1903; Professor of Greek and Modern Languages, University of Des Moines, 1879-80; Professor of Hebrew and Cognate Languages, Baptist Union Theological Seminary, 1888-92; Associate Professor, of Semitic Languages and Literatures, Chicago, 1892-1900; Professor, *ibid.*, 1900-.

Secretary of the Oriental Exploration Fund, 1903-; Gay Lecturer, Southern Baptist Theological Seminary, 1906.

Co-operating Editor, *American Journal of Semitic Languages and Literatures*, 1891-; Member of Editorial Board, *American Journal of Theology*, 1897-; Co-operating Editor, *Biblical World*, 1893-.

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JOHN MERLIN POWIS SMITH [1899-], Professor of Old Testament Languages and Literatures.

A.B. Des Moines, 1893; Ph.D. Chicago, 1899; Literary Secretary to President William Rainey Harper, 1899-1906; Assistant Professor of Semitic Languages and Literatures, Chicago, 1908-12; Associate Professor, *ibid.*, 1912-15; Professor of Old Testament Languages and Literatures, *ibid.*, 1915-.

Editor, *American Journal of Semitic Languages and Literatures*, 1915-; Collaborating Editor, *ibid.*, 1907-15; Secretary (with E. J. Goodspeed), Board of Editors, *Biblical World*, 1906-12; Collaborating Editor, *ibid.*, 1913-; Member, Editorial Board, *American Journal of Theology*, 1907-.

*Books for Old Testament Study. An Annotated List for Popular and Professional Use.* 8vo, 70. Chicago: University Press, 1908.

*The Universal Element in the Psalter* (Outline Bible-Study Course of the American Institute of Sacred Literature). Royal 8vo, 40. Chicago: University Press, 1908.

*Biblical Ideas of Atonement: Their History and Significance* (with E. D. Burton and G. B. Smith). 12mo, viii+335. Chicago: University Press, 1909.

*A Critical and Exegetical Commentary on the Books of Micah, Zephaniah, and Nahum* (International Critical Commentary). 8vo, 363. New York: Charles Scribner's Sons, 1911.

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*A Commentary on the Books of Amos, Hosea, and Micah.* 18mo, vii+216. New York: Macmillan Co., 1914.

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Abiturientenexamen, Moscow, 1877; A.M. Examination, 1885; Private Docent in Russian History, University of Moscow, 1886-95; Professor Ordinarius in History, University of Sofia, Bulgaria, 1897-98; Professorial Lecturer on Russian Institutions on the Crane Foundation, Chicago, 1903, 1904, and 1905.

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SAMUEL NORTHRUP HARPER [1905-9; 1915-], Assistant Professor of the Russian Language and Institutions.

A.B. Chicago, 1902; Diplôme de l'École des Langues Orientales, Paris, 1905; Associate in Russian, Chicago, 1905-9; Lecturer in Russian Institutional History, Liverpool, 1911-13; Assistant Professor of the Russian Language and Institutions, Chicago, 1915-.

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WILLIAM MUSS-ARNOLT [1893-1903], Assistant Professor of Biblical Philology; Boston Public Library.

D.B. Theological Seminary of the Reformed Dutch Church, New Brunswick, N.J., 1882; Ph.D. Johns Hopkins, 1888; Professor of Ancient Languages, New Windsor College, Md., 1888-90; Instructor in New Testament Greek, Johns Hopkins, 1891-93; Acting Professor of Semitic Languages and Hellenistic Greek, Michigan, 1893; Instructor in Biblical Philology, Chicago, 1893-1902; Assistant Professor of Biblical Philology, *ibid.*, 1902-3.

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MARTIN SPRENGLING [1915-], Assistant Professor of Semitic Languages and Literatures.

A.B. Northwestern College, Watertown, Wis., 1894; Professor of Classical Languages and Literatures, *ibid.*, 1910-12; Instructor in Semitic Languages and Literatures, Harvard, 1912-15; Assistant Professor of Semitic Languages and Literatures, Chicago, 1915-.

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REGINALD CAMPBELL THOMPSON [1907-9], Assistant Professor of Semitic Languages.

M.A. Cambridge, 1898; Assistant, Department of Egyptian and Assyrian Antiquities, British Museum, 1899-1905; conducted excavations at Nineveh, 1904-5; Survey Department of Civil Service of Anglo-Egyptian Sudan, 1906; Assistant Professor of Semitic Languages, Chicago, 1907-9.

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† Deceased.

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JOHN ROTHWELL SLATER, PH.D. 1905; Professor of English Literature, University of Rochester, Rochester, N.Y.

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DAVID EDWARD THOMAS, PH.D. 1913; Professor of Old Testament Languages and Literature, Alberta College, and Special Lecturer in Hebrew, University of Alberta, Edmonton, Canada.

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OLAF ALFRED TOFFTEEN, PH.D. 1905; Rector of Scandia Academy, Chicago.

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LEROY WATERMAN, PH.D. 1912; Professor of Semitics, University of Michigan.

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## THE DEPARTMENT OF NEW TESTAMENT AND EARLY CHRISTIAN LITERATURE

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Associate Editor, *Biblical World*, 1893-1906; Editor-in-Chief, *ibid.*, 1907-12; Collaborating Editor, *American Journal of Theology*, 1897-1904; Secretary of the Board of Editors, *ibid.*, 1905-6; with G. B. Smith, 1906-8; Managing Editor (with others), *ibid.*, 1909-15; Editor (with W. R. Harper), "Constructive Bible Studies," 1901-5; Sole Editor, *ibid.*, 1906-15; Editor (with S. Mathews and T. G. Soares), "University of Chicago Publications in Religious Education," 1915-; Editor of "Historical and Linguistic Studies in Literature Related to the New Testament"; Editor of the "Publications of the American Institute of Sacred Literature," 1905-.

Chairman of the Commission on Library Building and Policy of the University of Chicago, 1902: report in the "Decennial Publications of the University of Chicago"; Chairman of the Executive Committee of the American Institute of Sacred Literature, 1905-; Chairman of the Oriental Educational Commission of the University of Chicago, 1908-9; Member of the Commission on Education of the World Missionary Conference, Edinburgh, 1910: Vol. III of the *Reports of the Conference*; Chairman of the Board of Education of the Northern Baptist Convention, 1911-: annual reports; Member of the Commission on Education of the Congress on Christian Work in Latin America, 1915-16: volume in the *Reports of the Congress*.

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SHIRLEY JACKSON CASE [1908-], Professor of Early Church History and New Testament Interpretation.

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EDGAR JOHNSON GOODSPEED [1898-], Professor of Biblical and Patristic Greek.

A.B. Denison, 1890; D.B. Chicago, 1897; Ph.D. *ibid.*, 1898; Assistant Director Haskell Oriental Museum, Chicago, 1902-; Instructor, *ibid.*, 1902-5; Assistant Professor, *ibid.*, 1905-10; Associate Professor, *ibid.*, 1910-15; Professor, *ibid.*, 1915-.

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CLYDE WEBER VOTAW [1892-], Professor of New Testament Literature.

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THE DEPARTMENT OF COMPARATIVE PHILOLOGY,  
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President, American Philological Association, 1916.

Member of the Board of Editors, *Studies in Classical Philology*, University of Chicago, 1895-1907; and of *Classical Philology*, 1906-.

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WALTER EUGENE CLARK [1908-], Assistant Professor of Sanskrit.

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JOHN JACOB MEYER [1900-1908], Associate in Sanskrit and Indo-European Philology; Assistant Professor of German. See under Department of Germanic Languages and Literatures, p. 159.

GHEN-ICHIRO YOSHIOKA [1902-7], Docent in Japanese; Professor of English and Comparative Philology, Waseda University, Tokyo, Japan.

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## THE DEPARTMENT OF THE GREEK LANGUAGE AND LITERATURE

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Associate Director, American School of Classical Studies in Athens, 1901-2; President, American Philological Association, 1910; Percy Turnbull Lecturer on Poetry, Johns Hopkins, 1912; Harvard Lecturer on Classical Subjects, 1912; Roosevelt Exchange Professor, Berlin, 1913-14; Harris Lecturer, Northwestern University, 1916; Member, American Institute.

Member of the Board of Editors, *Studies in Classical Philology*, University of Chicago, 1895-1907; Member of the Board of Editors, *Classical Philology*, 1906-; Managing Editor, *ibid.*, 1908-.

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Managing Editor, *Classical Philology*, 1906-7; Editor (with H. W. Johnston) of the "Lake Classical Series" (Scott, Foresman & Co.), 1906-.

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HAZEL LOUISE BROWN, PH.D. 1911; Township High School, Harvey, Ill.

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EMILY HELEN DUTTON, PH.D. 1913; Professor of Latin and Greek, Tennessee College, Murfreesboro, Tenn.

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ANNE BATES HERSMAN, PH.D. 1907; Hyde Park High School, Chicago.

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LARUE VAN HOOK, PH.D. 1904; Associate Professor of Classical Philology, Columbia University.

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Associate Editor, *Classical Review*, 1889-; Associate Editor, *Classical Quarterly*, 1907-; Member, Board of Editors, *Studies in Classical Philology*, University of Chicago, 1895-1907, and of *Classical Philology*, 1906-; Member, Board of Advisors of *Loeb Classical Library*, 1910; formerly Honorary Editor, *American Journal of Archaeology*; formerly Joint Editor, *Cornell University Studies in Classical Philology*.

Chairman of the Latin Auxiliary Committee of Twelve, 1894-96; Member of the Committee of Twelve of the American Philological Association on College Entrance Requirements, 1896-99; Member of the Committee on College Entrance Requirements in Latin, 1909; Chairman of the Joint Committee of the National Education Association, the Modern Language Association of America, and the

American Philological Association on Grammatical Nomenclature, 1911-; Author of parts of the Committee's *Report on Grammatical Nomenclature*. 8vo, viii+65. Chicago: University Press, 1914.

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*American Historical Review*, XII, 351-52.

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Member of the Board of Editors, *Classical Philology*, 1906-.

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Managing Editor of the *Classical Journal*, 1905-8; Member of the Board of Editors, *Classical Philology*, 1906-; General Editor, University of Chicago Press, 1908-; Editor of *Publications of the Members of the University of Chicago*, 1902-16.

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Member of the Board of Editors, *Classical Philology*, 1908-; Contributing Editor, *American Journal of Archaeology*, 1908.-

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Corresponding Member, Royal Spanish Academy, 1910.

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Arbiturientenexamen, Berlin, 1877; Ph.D. Chicago, 1897; Associate in Germanic Philology, *ibid.*, 1895-96; Instructor, *ibid.*, 1896-1902; Assistant Professor, *ibid.*, 1902-8.

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ALFRED ISAAC ROEHM, PH.D. 1910; Professor of German, State Normal College, Oshkosh, Wis.

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## THE DEPARTMENT OF THE ENGLISH LANGUAGE AND LITERATURE

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FREDERIC IVES CARPENTER [1895-1911], Professor of English; Barrington, Ill.

A.B. Harvard, 1885; Ph.D. Chicago, 1895; Docent in English, *ibid.*, 1895-97; Instructor, *ibid.*, 1897-1902; Assistant Professor, *ibid.*, 1902-4; Associate Professor, *ibid.*, 1904-10; Professor, *ibid.*, 1910-11.

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A.B. Harvard, 1892; Assistant Professor of English, Chicago, 1896-1904; Associate Professor, *ibid.*, 1904-9; Dean of the Junior Colleges, 1907-; Professor, *ibid.*, 1909-.

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MYRA REYNOLDS [1894-], Professor of English Literature.

A.B. Vassar, 1880; Ph.D. Chicago, 1895; Assistant Professor of English Literature, Chicago, 1897-1902; Associate Professor, *ibid.*, 1903-11; Professor, *ibid.*, 1911-.

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A.B. Williams, 1877; Ph.D. Strassburg, 1889; L.H.D. Williams, 1916; Professor of English, Ripon, 1884-93; Assistant Professor of English Literature, Chicago, 1893-1907; Associate Professor, *ibid.*, 1907-14; Professor, *ibid.*, 1914-.

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WILLIAM CLEAVER WILKINSON [1892-], Professor Emeritus of Poetry and Criticism.

A.B. Rochester, 1857; D.D. *ibid.*, 1873; LL.D. Baylor, 1904; Professor of Modern Languages, Rochester, 1863-64; Professor of Homiletics and Pastoral Theology, Rochester Theological Seminary, 1872-81; Professor of Poetry and Criticism, Chicago, 1892-.

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CHARLES READ BASKERVILL [1908-], Associate Professor of English.

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Secretary of Instruction, Chautauqua Institution, 1903-16.

Associate Editor, *Amherst Graduates' Quarterly*, 1913-15; Associate Editor, *English Journal*, 1911-.

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JAMES WEBER LINN [1899-], Associate Professor of English.

A.B. Chicago, 1897; Assistant Professor of English, *ibid.*, 1907-11; Associate Professor, *ibid.*, 1911-.

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GEORGE LINNAEUS MARSH [1902-], Extension Associate Professor of English.

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A.B. Wisconsin, 1894; A.M. *ibid.*, 1895; Extension Assistant in English, Chicago, 1907-8; Associate, *ibid.*, 1909; Instructor, *ibid.*, 1910-13; Assistant Professor, *ibid.*, 1914-.

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(A complete edition of Moody's poems and plays was published by the Houghton Mifflin Co. in 1912.)

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ROBERT WALTER BRUÈRE [1899-1905], Instructor in English; Harper & Bros. Publishing Co., New York City.

A.B. Washington, 1896; A.M. *ibid.*, 1897; University Extension Instructor in German, Chicago, 1899-1901; Assistant in Rhetoric, *ibid.*, 1900-1902; Associate in English, *ibid.*, 1902-3; Instructor in English, *ibid.*, 1903-5.

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†NOTT FLINT [1899-1900; 1901-5], Instructor in English.

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A.B. Wesleyan, 1906; Ph.D. Chicago, 1915; Instructor in the English Language, Northwestern, 1906-10; Instructor in English, Beloit, 1910-11; Instructor in the English Language, Wesleyan, 1911-12; Instructor in English, Chicago, 1914-.

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MAUDE RADFORD WARREN [1896-1915], Extension Instructor in English; Elms Hotel, Chicago.

Ph.B. Chicago, 1894; Ph.M. *ibid.*, 1896; Lecturer in English, Class-Study Department, Extension Division, *ibid.*, 1896-98; Assistant in English, University College, *ibid.*, 1899-1909; Extension Instructor, *ibid.*, 1909-1915.

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GEORGE ALBERT NICHOLSON, PH.D. 1914; Acting Head, Department of  
Rhetoric, DePauw University, Greencastle, Ind.

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### THE DEPARTMENT OF GENERAL LITERATURE

RICHARD GREEN MOULTON [1892-], Professor of Literary Theory and Interpretation, and Head of the Department of General Literature.

A.B. London University, 1869; A.B. Cambridge, 1874; Ph.D. Pennsylvania, 1891; Cambridge University Extension Lecturer in Literature, 1874-90; Lecturer to the American Society for the Extension of University Teaching, 1891; Lecturer to the London Society for the Extension of University Teaching, 1891-92; Professor of Literature (in English), Chicago, 1892-1901; Professor of Literary Theory and Interpretation, and Head of the Department of General Literature, *ibid.*, 1901-.

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GEORGE CARTER HOWLAND [1892-], Associate Professor of the History of Literature.

A.B. Amherst, 1885; A.M. *ibid.*, 1888; Assistant Professor of Italian Philology, Chicago, 1895-1911; Assistant Professor of the History of Literature, *ibid.*, 1911-13; Associate Professor, *ibid.*, 1913-.

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## THE DEPARTMENT OF MATHEMATICS

ELIAKIM HASTINGS MOORE [1892-], Professor and Head of the Department of Mathematics.

A.B. Yale, 1883; Ph.D. *ibid.*, 1885, Ph.D. (hon.) Göttingen, 1899; LL.D. Wisconsin, 1904; Sc.D. Yale, 1909; Math.D. Clark, 1909; Assistant Professor of Mathematics, Northwestern, 1889-91; Associate Professor, *ibid.*, 1891-92; Professor of Mathematics, Chicago, 1892-; Head of the Department of Mathematics, *ibid.*, 1896-.

President, American Mathematical Society, 1901-3; Associate Fellow, American Academy of Arts and Sciences, 1901-; Member, National Academy of Sciences, 1901-; Vice-President, American Association for the Advancement of Science, 1911; Vice-President, V. International Congress of Mathematicians, Cambridge, 1912; Honorary Corresponding Member, British Association for the Advancement of Science, 1913-.

Editor, *Transactions of the American Mathematical Society*, 1900-1907; Member, Comitato di Redazione dei *Rendiconti del Circolo Matematico di Palermo*, 1909-; General Editor, "University of Chicago Mathematical Series"; Chairman, Board of Editors, "University of Chicago Science Series," 1914-; Associate Editor, *Proceedings of the National Academy of Sciences*, 1915-.

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Abiturientenexamen, Freiburg i.B., 1875; Ph.D. Göttingen, 1886; Associate Professor of Mathematics, Chicago, 1892-93; Professor, *ibid.*, 1894-1910; Non-Resident Professor, *ibid.*, 1910-17.

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GEORGE WILLIAM MYERS [1901-], Professor of the Teaching of Mathematics and Astronomy, and Mathematical Supervisor in the School of Education. See under College of Education, p. 480.

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HERBERT ELLSWORTH SLAUGHT [1895-], Professor of Mathematics.

A.B. Colgate, 1883; Ph.D. Chicago, 1898; Sc.D. Colgate, 1911; Assistant Professor of Mathematics, Chicago, 1900-1908; Associate Professor, *ibid.*, 1908-13; Professor, *ibid.*, 1913-.

Editor of a Series of Mathematical Texts for Schools and Colleges, Allyn & Bacon, 1913-; Managing Editor, *American Mathematical Monthly*, 1908-.

Member, Sub-Committee on Preparation for Teaching Mathematics of the International Commission on the Teaching of Mathematics, 1908-10: Report published by the Department of Education, Washington; Chairman of the National Committee of Fifteen, of the National Education Association, on the Geometry Syllabus, 1908-11; publications: *Provisional Report of the National Committee of Fifteen on Geometry Syllabus*. 8vo, 78. Chicago: School Science and Mathematics Publishing Co., 1912; *Final Report of the National Committee of Fifteen on Geometry Syllabus*. 8vo, 88. New York: The Mathematics Teacher, 1912. Also published in the *Proceedings of the National Education Association*, 1912, as a separate document; Special Report to the International Commission on the Teaching of Mathematics: The Teaching of Mathematics in Summer Sessions of Universities and Normal Schools, *American Mathematical Monthly*, XVIII (1911), 147-57.

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ERNEST JULIUS WILCZYNSKI [1910-], Professor of Mathematics.

Ph.D. Berlin, 1897; Assistant Professor of Mathematics, California, 1902-6; Associate Professor, *ibid.*, 1906-7; Associate Professor, Illinois, 1907-10; Associate Professor, Chicago, 1910-14; Professor, *ibid.*, 1914-.

Laureate of the Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique, 1909.

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JACOB WILLIAM ALBERT YOUNG [1892-], Associate Professor of the Pedagogy of Mathematics.

A.B. Bucknell, 1887; Ph.D. Clark, 1892; Assistant Professor of Mathematics, Chicago, 1897-1908; Associate Professor of the Pedagogy of Mathematics, *ibid.*, 1908-.

Editor, *Monographs on Topics of Modern Mathematics*. 8vo, viii+416. New York: Longmans, Green, & Co., 1911.

Member, International Commission on the Teaching of Mathematics, 1908-.

In charge (with D. E. Smith and W. F. Osgood) of the preparation of the American Report to the International Commission on the Teaching of Mathematics, 1909-. The following reports, prepared by Professor Young and the others named, have been published: International Commission on the Teaching of Mathematics: Preliminary Report of the American Commissioners, *School Science and Mathematics*, IX (1909), 603-8; also as Commission internationale de l'enseignement mathématique: Rapport préparatoire de la délégation américaine, *L'enseignement mathématique*, XI (1909), 200-204; and *Circulaire No. 1 du comité central à Messieurs les Membres de la Commission internationale de l'enseignement mathématique*, Geneva (1909), 8-12; International Commission on the Teaching of Mathematics: Second Preliminary Report of the American Commissioners, *Bulletin No. 2 of the American Commissioners* (1909), 1-13; also in *School Science and Mathematics*, IX (1909), 777-87; *Report of the American Commissioners of the International Commission on the Teaching of Mathematics*. 8vo, 84. Washington: The Bureau of Education, 1912. Thirteen other reports by various hands have been edited by Professor Young and the others named, and published as Bulletins of the United States Bureau of Education. The following papers and addresses (by Professor Young) are also connected with the work of the Commission: (1) La question de la rigueur dans l'enseignement mathématique moyen, et la question de la fusion des différentes branches mathématiques, *Compte Rendu du Congrès de Milan de la Commission internationale de l'enseignement mathématique* (1911), 35-45; also in *L'enseignement mathématique*, XIII (1911), 471-81; *School Science and Mathematics*, XII (1912), 447-56; and (2) Address of Presen-

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ARTHUR CONSTANT LUNN [1902-], Assistant Professor of Applied Mathematics.

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- SAUL EPSTEIN [1902-6], Associate in Mathematics; Head of Insurance Commission, Denver, Colo.
- S.B. California, 1900; Ph.D. Zürich, 1901; Docent in Mathematics, Chicago, 1902-3; Assistant *ibid.*, 1903-4; Associate, *ibid.*, 1905-6.
- Joint Editor, *American Mathematical Monthly*, 1904; Associate Editor, *School Science and Mathematics*, 1905-6.
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A.B. Harvard, 1900; Ph.D. Chicago, 1903; Associate in Mathematics, *ibid.*, 1904-5.

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THEOPHIL HENRY HILDEBRANDT [1908-9], Assistant in Mathematics; Assistant Professor of Mathematics, University of Michigan.

A.B. Illinois, 1905; S.M. *ibid.*, 1906; Ph.D. Chicago, 1910; Assistant in Mathematics, *ibid.*, 1908-9.

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## THE DEPARTMENT OF ASTRONOMY AND ASTROPHYSICS

EDWIN BRANT FROST [1898-], Professor of Astrophysics; Director of the Yerkes Observatory.

A.B. Dartmouth, 1886; Sc.D. (hon.), *ibid.*, 1911; Sc.D. (hon.), Cambridge, 1912; Assistant Professor of Astronomy and Director of the Observatory, Dartmouth, 1892-95; Professor, *ibid.*, 1895-98; Professor of Astrophysics, Chicago, 1898-; Director of Yerkes Observatory, *ibid.*, 1905-.

Associate, Royal Astronomical Society; Member, National Academy of Sciences.

Assistant Editor, *Astrophysical Journal*, 1898-1901; Joint Editor, 1902-; Managing Editor, 1902-12, 1914-. Member, Board of Editors, *Proceedings of the National Academy of Sciences*, 1915-.

Member, Committee on Comets, American Astronomical Society (report published in 1915).

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GEORGE ELLERY HALE, Professor of Astrophysics and Director of the Yerkes Observatory, 1892-1905-; Non-Resident Professor of Astrophysics, 1905-; Director of the Mount Wilson Solar Observatory of the Carnegie Institution of Washington, Pasadena, Cal.

S.B. Massachusetts Institute of Technology, 1890; Sc.D. (hon.) Western University of Pennsylvania, 1897; LL.D. Beloit, 1904; Sc.D. (hon.) Yale, 1905; Associate Professor of Astrophysics, Chicago, 1892-97; Director of the Yerkes Observatory, *ibid.*, 1895-1905; Professor of Astrophysics, *ibid.*, 1897-1905; Non-Resident Professor of Astrophysics, *ibid.*, 1905-.

Janssen Medal, 1894; Rumford Medal, 1902; Draper Medal, 1903; Gold Medal, Royal Astronomical Society, 1904; Foreign Secretary, National Academy of Sciences; Member, American Philosophical Society; Foreign Member of the Royal Society of London, and of the Academies of Paris, Rome, Vienna, Amsterdam, Christiania, Upsala, etc.

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EDWARD EMERSON BARNARD [1895-], Professor of Practical Astronomy; Astronomer in the Yerkes Observatory.

A.M. (*honoris causa*) University of the Pacific, 1889; Sc.D. Vanderbilt, 1893; LL.D. Queen's, 1909; in charge of Observatory, Vanderbilt, 1883-87; Astronomer in the Lick Observatory, 1887-95; Professor of Practical Astronomy, Chicago, and Astronomer in the Yerkes Observatory, 1895-.

Lalande Gold Medal (1892), Arago Gold Medal (1893), Janssen Gold Medal (1900), Académie des Sciences, Paris; Gold Medal, Royal Astronomical Society, 1897; Bruce Gold Medal (1917), Astronomical Society of the Pacific; Vice-President, American Association for Advancement of Science, 1898; Janssen Prize, Société Astronomique de France, 1906; Associate Fellow, American Academy of Arts and Sciences; Hon. Member, Royal Astronomical Society of Canada; Foreign Associate and Fellow, Royal Astronomical Society; Member, Société Astronomique de France; Member, National Academy of Sciences; Member, American Philosophical Society.

Associate Editor, *Astronomical Journal*, 1914-; Associate Editor (Department of Astronomy), Funk & Wagnall's *New Standard Dictionary of the English Language*.

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Expert Commissioner to test the seeing on Mount Hamilton, Cal. (resulting in the location of the Lick Observatory), 1879; Gold Medal of the Royal Astronomical Society, 1894; Associate of the Royal Astronomical Society, 1898; Lalande Prize in Astronomy, Paris Academy of Science, 1904.

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Member, National Academy of Sciences, 1910-; Hon. Corresponding Member, British Association for the Advancement of Science, 1913-; Vice-President, American Mathematical Society, 1915-.

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Ph.B. Greenville College, 1903; A.M. Oberlin, 1904; Volunteer Research Assistant in Astronomy, Yerkes Observatory, 1911; Instructor in Practical Astronomy, *ibid.*, 1914-15.

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GIORGIO ABETTI [1908-9], Volunteer Research Assistant, Yerkes Observatory; Astronomo aggiunto, Osservatorio Astronomico del Collegio Romano, Rome.

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MARY MURRAY HOPKINS [1912, 1913], Volunteer Research Assistant, Yerkes Observatory; Associate Professor of Astronomy, Smith College.

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## THE DEPARTMENT OF PHYSICS

ALBERT ABRAHAM MICHELSON [1892-], Professor and Head of the Department of Physics.

Ph.D. (hon.) Western Reserve, 1886; Ph.D. (hon.) Stevens Institute, 1887; Ph.D. Leipzig, 1909; Ph.D. Göttingen, 1911; Ph.D. Royal Frederick University, Christiania, 1911; Sc.D. (hon.) Cambridge, 1899; LL.D. Yale, 1901; LL.D. Pennsylvania, 1906; Professor of Physics, Case School of Applied Science, 1883-89; Professor of Physics, Clark, 1889-92; Professor and Head of the Department of Physics, Chicago, 1892-.

Corresponding Member, British Association for the Advancement of Science, 1884; Associate Fellow, American Academy of Arts and Sciences, 1885; Vice-President, American Association for the Advancement of Science, 1887; Member, National Academy of Sciences, 1888; Rumford Medal, 1880; Member, Bureau International des Poids et Mesures, 1892-93; Member, Société Française de Physique, 1893; Fellow, Royal Astronomical Society, 1896; Foreign Member, Société Hollandaise des Sciences, 1897; Hon. Member, Cambridge Philosophical Society, 1897; Member (for the United States), International Committee of Weights and Measures, 1897; Lowell Lecturer, 1899; Membre Correspondant de l'Académie des Sciences, Paris, 1900; Grand Prix, Exposition générale de Paris, 1900; President, American Physical Society, 1900; Member, American Philosophical Society, 1902; Fellow, Royal Society, 1902; Mattencci Medal, Soc.

Italiana, Rome, 1904; Menter, Kungliga Vetenskaps Akademien, Stockholm, 1906; Member, Reale Accademia dei Lincei, Rome, 1906; Copley Medal, 1907; Nobel Prize, 1907; Hon. Member, Royal Irish Academy, 1908; Delegate to Pan-American Scientific Congress, 1908-9; President, American Association for Advancement of Science, 1910-11; Exchange Professor, Göttingen, 1911; Member, Deutsche Physikalische Gesellschaft, Berlin, 1911; Member, Kungliga Fysiografiska Sällskapet, Lund, 1911; Elliott Cresson Medal, Franklin Institute, 1912; Draper Medal, National Academy of Sciences, 1916.

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HENRY GORDON GALE [1899-], Professor of Physics.

A.B. Chicago, 1896; Ph.D. *ibid.*, 1899; Assistant Professor of Physics, *ibid.*, 1907-11; Research Associate of the Carnegie Institution of Washington, Mount Wilson Solar Observatory, 1909, 1910, 1911; Associate Professor, Chicago, 1911-16; Professor, *ibid.*, 1916-.

Joint Editor, *Astrophysical Journal*, 1912-.

Member, International Commission on Annual Tables of Constants and Numerical Data, 1912-.

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ROBERT ANDREWS MILLIKAN [1896-], Professor of Physics.

A.B. Oberlin, 1891; Ph.D. Columbia, 1895; Sc.D. Oberlin, 1911; Sc.D. Northwestern, 1913; Sc.D. Pennsylvania, 1914; Sc.D. Columbia, 1917; Sc.D. Amherst, 1917; Assistant Professor of Physics, Chicago, 1902-7; Associate Professor, *ibid.*, 1907-10; Professor, *ibid.*, 1910-.

Member, Executive Council, American Physical Society, 1905-9, 1911-; Vice-President, American Association for the Advancement of Science, 1911; Comstock Prize, National Academy of Sciences, 1913; Member, American Philosophical Society, 1913; Fellow, American Academy of Arts and Sciences, 1914; Member, National Academy of Sciences, 1915; President, American Physical Society, 1915-; Vice-Chairman, National Research Council, 1916.

Associate Editor, *Physical Review*, 1903-16, Associate Editor, *Proceedings of the National Academy of Sciences*, 1915-; Joint Editor, "University of Chicago Science Series," 1915-.

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CARL KINSLEY [1902-], Associate Professor of Physics.

A.B. Oberlin, 1893; M.E. Cornell, 1894; A.M. Oberlin, 1896; Assistant Professor of Physics, Chicago, 1903-9; Associate Professor, *ibid.*, 1909-.

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- CHARLES RIBORG MANN [1896-1917], Associate Professor of Physics; Director of Educational Research in the Massachusetts Institute of Technology.
- A.B. Columbia, 1890; Ph.D. Berlin, 1895; Assistant Professor of Physics, Chicago, 1902-7; Associate Professor, *ibid.*, 1907-17.
- Investigator of Engineering Education, Carnegie Foundation for the Advancement of Teaching, 1914-17.
- Physics* (with G. R. Twiss). 12mo, x+453. Chicago: Scott, Foresman & Co., 1905.
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EDWARD JAMES MOORE [1915-], Extension Associate Professor of Physics; Associate Professor of Physics, Oberlin College, Oberlin, Ohio.

A.B. Oberlin, 1903; A.M. *ibid.*, 1906; Ph.D. Chicago, 1913.

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GLENN MOODY HOBBS [1893-1906], Instructor in Physics. *See under* University High School, p. 493.

HARVEY BRACE LEMON [1911-], Instructor in Physics.

A.B. Chicago, 1906; S.M. *ibid.*, 1911; Ph.D. *ibid.*, 1912; Assistant in Astronomy and Instructor in Mechanical Drawing, Beloit, 1907-8; Assistant in Physics, Chicago, 1911-12; Instructor, *ibid.*, 1912-.

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FRANK BALDWIN JEWETT [1902-3], Research Assistant in Physics; Assistant Chief Engineer, Western Electric Co., New York City.

A.B. Throop Polytechnical Institute, 1898; Ph.D. Chicago, 1902; Research Assistant in Physics, *ibid.*, 1902-3.

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LEONARD BENEDICT LOEB, PH.D. 1916; The Bureau of Standards, Washington, D.C.

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ISAIAH MARCH RAPP, PH.D. 1915; Assistant Professor of Physics, University of Oklahoma, Norman.

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VERNE FRANK SWAIM, PH.D. 1914; Professor of Physics, Bradley Polytechnic Institute, Peoria, Ill.

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### THE DEPARTMENT OF CHEMISTRY

†JOHN ULRIC NEF [1892-1915], Professor and Head of the Department of Chemistry.

A.B. Harvard, 1884; Ph.D. Munich, 1886; LL.D. Pittsburgh, 1915; Professor of Chemistry and Director of the Chemical Laboratory, Purdue, 1887-89; Assistant Professor of Chemistry and Acting Head of the Chemical Laboratory, Clark, 1889-92; Professor of Chemistry, Chicago, 1892-96; Head of the Department of Chemistry, *ibid.*, 1896-1915.

Fellow, American Academy of Arts and Sciences, 1891; Member, Royal Society of Sciences, Upsala, 1903; Member, National Academy of Sciences, 1904.

Dissociations Vorgänge in der Glycol-Glycerinreihe, *Liebig's Annalen Chemie*, CCCXXXV (1904), 191-333.

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JULIUS STIEGLITZ [1892-], Professor and Chairman of the Department of Chemistry; Director of the University Laboratories.

Abiturientenexamen, Realgymnasium, Karlsruhe, 1886; Ph.D. Berlin, 1889; Sc.D. Clark, 1909; Assistant Professor of Chemistry, Chicago, 1897-1902; Associate Professor, *ibid.*, 1902-5; Professor, *ibid.*, 1905-; Director of Analytical Chemistry, *ibid.*, 1905-; Director of the University Laboratories, *ibid.*, 1912-.

Hitchcock Lecturer, California, 1909; Member, National Academy of Sciences, 1911-; Member, American Academy of the Arts and Sciences, 1914-; Member, Washington Academy of Sciences, 1914-.

† Deceased.

- Associate Editor, *Journal of the American Chemical Society*, 1910-; Member, Council on Chemistry and Pharmacy of the American Medical Association, 1905-; Member International Commission on Annual Tables of Constants and Numerical Data, 1910-.
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WILLIAM DRAPER HARKINS [1912-], Professor of Chemistry.

A.B. Leland Stanford Junior, 1900; Ph.D. *ibid.*, 1907; Professor and Head of the Department of Chemistry, University of Montana, 1901-12; Assistant Professor of Chemistry, Chicago, 1912-14; Associate Professor, *ibid.*, 1914-17; Professor, *ibid.*, 1917-.

Chemist in Smelter Smoke Investigations in Montana, 1902-10; Chemist, United States Department of Justice, 1910-11; Professional Lecturer, Mellon Institute of Industrial Research, Pittsburgh, 1916-17.

Assistant Editor, *Chemical Abstracts*, 1911-.

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HERBERT NEWBY MCCOY [1898-99, 1903-17], Professor of Chemistry.

S.B. Purdue, 1892; Ph.D. Chicago, 1898; Professor of Chemistry and Physics, Fargo, 1894-96; Assistant Professor of Chemistry, Utah, 1899-1901; Associate Professor, *ibid.*, 1901; Assistant Professor, Chicago, 1903-7; Associate Professor, *ibid.*, 1908-11; Professor, *ibid.*, 1911-17.

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ALEXANDER SMITH [1894-1911], Professor and Director of General and Physical Chemistry; Professor of Chemistry, Columbia University.

S.B. Edinburgh, 1886; Ph.D. Munich, 1889; Professor of Chemistry and Mineralogy, Wabash, 1890-94; Assistant Professor of Chemistry, Chicago, 1894-98; Associate Professor, *ibid.*, 1898-1903; Professor and Director of General and Physical Chemistry, *ibid.*, 1903-11.

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## THE DEPARTMENT OF GEOLOGY AND PALEONTOLOGY

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President, Chicago Academy of Sciences, 1897-1915; President, Illinois Academy of Science, 1907; President, American Association for the Advancement of Science, 1908-9; Member, National Academy of Sciences.

Editor in General Charge, *Journal of Geology*, 1893-1912; Joint Editor, *ibid.*, 1913-.

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Member, Board of Editors, *Journal of Geology*, 1893-1909; Associate Editor, *ibid.*, 1912-.

Assistant, United States Geological Survey, 1880-88; Geologist, *ibid.*, 1888-92, 1895.

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Member, Board of Editors, *Journal of Geology*, 1903-11; Member, Publication Committee of American Philosophical Society, 1906-. Member, United States Geological Survey, 1894-96.

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Member, Board of Editors, *Journal of Geology*, 1899-.

Paleontologist to Geological Survey of New Jersey, 1899-1907; Geologist, Geological Survey of Illinois, 1906-; Assistant Geologist, United States Geological Survey, 1901-6; Geologist, *ibid.*, 1906-.

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SAMUEL WENDELL WILLISTON [1902-], Professor of Paleontology; Director of Walker Geological Museum.

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Member, Kansas State Board of Health and Kansas Board of Medical Examination, 1898-1902; President, Kansas Academy of Science, 1897; Member, National Academy of Sciences.

Member, Board of Editors, *Journal of Geology*, 1904-.

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A.B. Central College, 1897; Ph.D. Chicago, 1904; Assistant Professor of Economic Geology and Mineralogy, *ibid.*, 1908; Associate Professor, *ibid.*, 1909-12.

Member, Board of Editors, *Journal of Geology*, 1912-; Associate Editor, *Economic Geology*, 1911-.

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S.B. Illinois, 1894; Ph.D. Johns Hopkins, 1903; Assistant Professor of Petrology, Chicago, 1910-14; Associate Professor, *ibid.*, 1914-.

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MAURICE GOLDSMITH MEHL [1915], Instructor in Paleontology; Professor of Geology and Paleontology, University of Oklahoma.

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Field Assistant, Illinois Geological Survey, Summer, 1907; Geologist, *ibid.*, 1910.

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JAMES HENRY LEES [1904-6], Research Assistant in Geology; Assistant State Geologist, Iowa Geological Survey.

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A.B. Cornell, 1893; S.M. Chicago, 1898; Ph.D. *ibid.*, 1903; Docent in Geology, *ibid.*, 1904-12.

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### THE DEPARTMENT OF GEOGRAPHY

ROLLIN D. SALISBURY [1892-], Professor of Geographic Geology and Head of the Department of Geography; Dean of the Ogden Graduate School of Science.

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Joint Editor (with T. C. Chamberlin), *Journal of Geology*, 1893-.

Assistant, United States Geologist, Glacial Division, 1882-92; Geologist, United States Geological Survey, 1892-; Geologist in charge of Pleistocene Geology of New Jersey, 1891-1910.

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Associate Editor, *Journal of Geography*, 1901-10; Contributing Editor, *ibid.*, 1911-; Editor, "Regional Geographies of the United States," 1916-.

Member, Chicago Harbor Commission for the Investigation of the Ports of Europe, 1908-9 (Report: *What the Ports of Europe Are Doing; and Chicago's Commercial Opportunity*. 8vo, 103); Convoy for the Commercial Commissioners of Japan in their American tour, 1909.

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WALTER SHELDON TOWER [1911-], Professor of Geography.

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WELLINGTON DOWNING JONES [1909-11; 1913-], Assistant Professor of Geography.

S.B. University of Chicago, 1907; Assistant in Geography, *ibid.*, 1909-11; Instructor, *ibid.*, 1913-16; Assistant Professor, *ibid.*, 1916-.

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CHARLES C. COLBY [1916-], Instructor in Geography.

B.Pd. Michigan Normal College, 1908; S.B. Chicago, 1909; Ph.D. Chicago, 1917; Professor of Geography, State Normal School, Winona, Minn., 1910-13; Associate Professor of Geography, George Peabody College for Teachers, 1914-16; Instructor in Geography, Chicago, 1916-.

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MARY JEAN LANIER [1910-17], Instructor in Geography; Wellesley College.

S.B. Chicago, 1909; Assistant in Geography, *ibid.*, 1910-12; Instructor, *ibid.*, 1913-17.

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ALMON ERNEST PARKINS, PH.D. 1914; Head of the Department of Geography, George Peabody College for Teachers, Nashville, Tenn.

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CARL ORTWIN SAUER, PH.D. 1915; Instructor in Geography, University of Michigan.

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## THE DEPARTMENT OF ZOÖLOGY

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A.B. Toronto, 1891; Ph.D. Chicago, 1894; Instructor in Zoölogy, University of Michigan, 1894-99; Professor of Biology, Vassar, 1899-1900; Assistant Professor of Zoölogy and Embryology, Chicago, 1900-1902; Assistant Curator of Zoölogical Museum, *ibid.*, 1902-; Associate Professor, *ibid.*, 1902-7; Professor, *ibid.*, 1907-; Chairman of Department of Zoölogy, *ibid.*, 1911-; Head of the Department of Embryology, Marine Biological Laboratory, Woods Hole, 1893-1907; Assistant Director, *ibid.*, 1900-1908; Director, *ibid.*, 1908-.

President, American Society of Zoölogists, 1905-8; Vice-President, American Society of Naturalists, 1914; President, *ibid.*, 1915; Vice-President, American Association for the Advancement of Science, 1914; Member, National Academy of Sciences.

Managing Editor, *Biological Bulletin*, 1902-; Member, Board of Editors, *Journal of Morphology*, 1903-9; Associate Editor, *Journal of Experimental Zoölogy*, 1904-.

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†CHARLES OTIS WHITMAN [1892-1910], Professor and Head of the Department of Zoölogy; Curator of the Zoölogical Museum.

A.B. Bowdoin, 1868; Ph.D. Leipzig, 1878; LL.D. Nebraska, 1894; Sc.D. (hon.) Bowdoin, 1894; Professor of Zoölogy, Imperial University of Japan, 1880-81; Professor of Zoölogy, Clark University, 1889-92; Professor and Head of the Department of Zoölogy, Chicago, 1892-1910.

Member, National Academy of Sciences; Associate Fellow, American Academy of Arts and Sciences; Foreign Member of the Linnaean Society.

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HORATIO HACKETT NEWMAN [1911-], Professor of Zoölogy and Embryology.

A.B. McMaster, 1896; Ph.D. Chicago, 1905; Assistant Professor (elect), Michigan, 1908; Professor and Head of the School of Zoölogy, Texas, 1908-11; Head of Instruction Force in Physiology, Marine Biological Laboratory, Woods Hole, 1909-12; Associate Professor of Zoölogy and Embryology, Chicago, 1911-17; Professor, *ibid.*, 1917-.

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S.B. Brooklyn Polytechnical Institute, 1886; A.B. Harvard, 1889; Ph.D. *ibid.*, 1892; Assistant in Zoölogy, *ibid.*, 1888-91; Instructor, *ibid.*, 1891-99; Assistant Professor of Zoölogy and Embryology, Chicago, 1899-1901; Associate Professor, *ibid.*, 1901-4.

Fellow, American Academy of Arts and Sciences, 1895; Vice-President, American Association for the Advancement of Science, 1900-1901; Secretary, American Society of Naturalists, 1899-1903; President, Society of American Zoölogists, 1902.

Associate Editor, *American Naturalist*, 1897-; *Biometrika*, 1901-; *Journal of Experimental Zoölogy*, 1898-; Editor, "Cold Spring Harbor Monographs," 1900-.

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ELLIOT ROWLAND DOWNING [1911-], Associate Professor of Natural Science, College of Education. See under College of Education, p. 483.

WILLIAM LAWRENCE TOWER [1901-], Associate Professor of Embryology.

S.B. Chicago, 1902; Assistant in Zoölogy, Harvard College, 1895-96; Professor of Biology and Hoagland Professor of Physiology, Antioch, 1900-1901; Assistant Professor of Embryology, Chicago, 1907-11; Associate Professor, *ibid.*, 1911-.

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A.B. Indiana, 1902; Ph.D. Chicago, 1907; Laboratory Assistant in Zoölogy, *ibid.*, 1904-7; Associate in Experimental Therapeutics, *ibid.*, 1907-8; Instructor in Experimental Therapeutics and Zoölogy, *ibid.*, 1908-9; Instructor in Zoölogy, *ibid.*, 1909-10.

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VICTOR ERNEST SHELFORD [1905-14], Instructor in Zoölogy; Assistant Professor of Zoölogy, University of Illinois, and Biologist, Illinois State Laboratory of Natural History.

S.B. Chicago, 1903; Ph.D. *ibid.*, 1907; Reader in Zoölogy, Correspondence-Study Department, *ibid.*, 1905-7; Laboratory Assistant, *ibid.*, 1904-7; Associate, *ibid.*, 1907-9; Instructor, *ibid.*, 1909-14.

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S.B. Drury College, 1913; Ph.D. Chicago, 1916; Assistant in Zoölogy, *ibid.*, 1915-16; Associate, *ibid.*, 1916-.

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CHARLES FREDERICK ADAMS [1904-5], Assistant in the Zoölogical Museum; Independence, Mo.

B.Agr. Missouri, 1897; M.D. Kansas City Medical College, 1902; A.M. Kansas, 1903; Assistant in Entomology, Missouri, 1897; Instructor in Histology, Kansas City Medical College, 1900-1902; Professor of Histology and Bacteriology, Kansas City Dental College, 1902-4; Assistant in the Zoölogical Museum, Chicago, 1904-5.

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S.B. Earlham College, 1908; S.M. Chicago, 1910; Ph.D. *ibid.*, 1912; Laboratory Assistant in Zoölogy, *ibid.*, 1910-11.

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WALLACE CRAIG [1901-4], Assistant in Zoölogy; Professor of Philosophy, University of Maine, Orono.

S.B. Illinois, 1898; Ph.D. Chicago, 1908; Assistant in Zoölogy, *ibid.*, 1901-4.

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NEIL STANLEY DUNGAY [1911], Assistant in Zoölogy; Professor of Zoölogy, Carleton College, Northfield, Minn.

A.B. Minnesota, 1904; Ph.D. Chicago, 1913; Instructor in Biology, Carleton College, 1907-10; Acting Professor of Biology, *ibid.*, 1910-11; Assistant in Zoölogy, Chicago, 1911.

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LIBBIE HENRIETTA HYMAN [1914-], Laboratory Assistant in Zoölogy.

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ROBERT KIRKLAND NABOURS [1904-10], Assistant in Zoölogy; Professor of Zoölogy and Zoölogist at the Experimental Station, Kansas Agricultural College, Manhattan.

Ed.B. Chicago, 1905; Ph.D. *ibid.*, 1911; Assistant in Nature-Study, University Elementary School, *ibid.*, 1904-9; Assistant in Zoölogy, *ibid.*, 1909-10.

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JOHN THOMAS PATTERSON [1905-8], Laboratory Assistant in Zoölogy; Professor and Chairman of the School of Zoölogy, University of Texas, Austin.

S.B. Wooster, 1903; Ph.D. Chicago, 1908; Professor of Biology, Buena Vista College, 1903-5; Laboratory Assistant in Zoölogy, Chicago, 1905-8.

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JOHN GEORGE SINCLAIR [1915-], Assistant in Zoölogy.

S.B. Chicago, 1911; Assistant, Carnegie Institution at Tucson, Ariz., 1913-15; Assistant in Zoölogy, Chicago, 1915-.

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MAUD SLYE [1908-], Assistant in Zoölogy; Member of the Otho S. A. Sprague Institute. See under Department of Pathology, p. 434.

GEORGE WASHINGTON TANNREUTHER [1904-5], Laboratory Assistant in Zoölogy; Instructor in Zoölogy, University of Missouri, Columbia.

A.B. Manchester College, 1900; A.M. Antioch College, 1901; Ph.D. Chicago, 1908; Laboratory Assistant in Zoölogy, *ibid.*, 1904-5.

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HARRY LEWIS WIEMAN [1907-8], Laboratory Assistant in Zoölogy; Associate Professor and Head of the Department of Zoölogy, University of Cincinnati.

A.B. Cincinnati, 1905; A.M. *ibid.*, 1906; Ph.D. Chicago, 1909; Laboratory Assistant in Zoölogy, *ibid.*, 1907-8.

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GEORGE WILLIAM BARTELMEZ, PH.D. 1910; Assistant Professor of Anatomy. See under Department of Anatomy, p. 347.

MARY PUTNAM BLOUNT, PH.D. 1908. See under University High School, p. 490.

LYNDS JONES, PH.D. 1905; Associate Professor of Animal Ecology, Oberlin College, Oberlin, Ohio.

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## THE DEPARTMENT OF ANATOMY

ROBERT RUSSELL BENSLEY [1901-], Professor of Anatomy.

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A.B. Bowdoin, 1896; A.M. *ibid.*, 1900; M.D. Johns Hopkins, 1900; Assistant Professor of Anatomy, Chicago, 1904-6; Assistant Professor of Experimental Pathology, *ibid.*, 1906-12; Assistant Professor of Preventive Medicine, *ibid.*, 1912-16; Associate Professor, *ibid.*, 1916-.

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A.B. Iowa College, 1889; M.D. Northwestern University, Woman's Medical School, 1894; Assistant Professor of Nervous Diseases, *ibid.*, 1901-2; Assistant in Anatomy, Chicago, 1906-7; Associate, *ibid.*, 1907-9; Instructor, *ibid.*, 1909-12.

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JOHN SUNDWALL [1905-7], Assistant in Anatomy; Professor of Anatomy, University of Kansas, Lawrence.

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#### THE DEPARTMENT OF PHYSIOLOGY<sup>1</sup>

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Associate Editor, *Journal of Biological Chemistry*, 1903-; Associate Editor, *Zeitschrift für kolloide Chemie*, 1906-; Associate Editor, *Internationale Zeitschrift für physikalisch-chemische Biologie*, 1914-.

Member of the Commission for the Study of the Action of Saltpeter on Nutrition, 1908-12 (three volumes [*Studies in Nutrition*] published, one in press).

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S.B. Augustana, 1898; A.M. *ibid.*, 1899; Ph.D. Leland Stanford Junior, 1902; Assistant Professor of Physiology, Chicago, 1904-9; Associate Professor, *ibid.*, 1909-16; Professor and Chairman of the Department of Physiology, *ibid.*, 1916-. Secretary and Member of Council, American Physiological Society, 1909-15; Chairman, Section of Pathology and Physiology, American Medical Association, 1914-15; Member, Harvey Society; Member, Swedish Medical Society, Stockholm.

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STELLA BURNHAM VINCENT [1914], Assistant in Physiology; Instructor in Psychology, Chicago Teachers College. *See under* Department of Psychology, p. 21.

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### THE DEPARTMENT OF BOTANY

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Vice-President, American Association for the Advancement of Science, 1891; President, American Botanical Society, 1897-98; Member, National Academy of Sciences; Associate Fellow, American Academy of Arts and Sciences; President, Illinois Academy of Sciences, 1910; Corresponding Fellow, Botanical Society of Edinburgh; Foreign Member, Linnaean Society; President, Chicago Academy of Sciences, 1915; President, American Botanical Society, 1915; Chairman, Committee on Botany, National Research Council, 1916-.

Editor, *Botanical Gazette*, from its foundation (1875) to the present; Botanical Editor, *Proceedings of the National Academy*, 1915-; Botanical Editor, *New International Encyclopedia*, 1913-; Joint Editor of volume *Heredity and Eugenics* (8vo, vii+315. Chicago: University Press, 1912); Member of the Editorial Committee of the "University of Chicago Science Series," 1914-.

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General Secretary, American Association for the Advancement of Science, 1895-96; Vice-President, *ibid.*, 1899; Secretary, Botanical Society of America, 1894-98; President, *ibid.*, 1903-4.

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OTIS WILLIAM CALDWELL [1907-16], Professor of Botany and Supervisor of Natural Science in the School of Education; Professor of Education and Director of the Lincoln School, Teachers College, Columbia University. *See under* College of Education, p. 478.

CHARLES JOSEPH CHAMBERLAIN [1897-], Professor of Morphology and Cytology.

A.B. Oberlin, 1888; Ph.D. Chicago, 1897; Assistant Professor of Botany, *ibid.*, 1907-11; Associate Professor, *ibid.*, 1911-15; Professor, *ibid.*, 1915-.

Editor of "Current Botanical Literature" in *Journal of Applied Microscopy*, 1899-1903; American Editor of the department of Cytology, *Botanisches Centralblatt*, 1902-; Editor of the department of Botany, *United Editor's Encyclopedia*, 1909; of Cytology, the *Encyclopedia Americana*, 1904.

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HENRY CHANDLER COWLES [1898-], Professor of Plant Ecology.

A.B. Oberlin, 1893; Ph.D. Chicago, 1898; Professor of Natural Sciences, Gates College, 1894-95; Assistant Professor of Plant Ecology, Chicago, 1907-11; Associate Professor, *ibid.*, 1911-15; Professor, *ibid.*, 1915-.

President, Association of American Geographers, 1910; Vice-President, American Association for the Advancement of Science, 1913.

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WILLIAM CROCKER [1906-], Associate Professor of Plant Physiology.

A.B. Illinois, 1902; Ph.D. Chicago, 1906; Assistant Professor of Plant Physiology, *ibid.*, 1911-15; Associate Professor, *ibid.*, 1915-.

Collaborator and Plant Physiologist, Bureau of Plant Industry, United States Department of Agriculture.

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WILLIAM JESSE GOAD LAND [1904-], Associate Professor of Plant Morphology.

S.B. Chicago, 1902; Ph.D. *ibid.*, 1904; Instructor in Botany, *ibid.*, 1908-11; Assistant Professor, *ibid.*, 1911-15; Associate Professor, *ibid.*, 1915-.

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BRADLEY MOORE DAVIS [1895-1906], Assistant Professor of Plant Morphology; Professor of Botany, University of Pennsylvania.

A.B. Leland Stanford Junior, 1892; Ph.D. Harvard, 1895; Instructor in Botany, Chicago, 1898-1902; Assistant Professor of Plant Morphology, *ibid.*, 1902-6.

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JESSE MORE GREENMAN [1908-13], Assistant Professor of Botany; Professor of Botany, Washington University, St. Louis.

S.B. Pennsylvania, 1893; S.M. Harvard, 1899; Ph.D. Berlin, 1901; Assistant Curator of Botany, Field Museum of Natural History, Chicago, 1905-13; Assistant Professor of Botany, Chicago, 1908-13.

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LEE IRVING KNIGHT [1910-], Assistant Professor of Botany.

A.B. Illinois, 1902; Ph.D. Chicago, 1913; Assistant in Botany, *ibid.*, 1910-13; Instructor, *ibid.*, 1913-16; Assistant Professor, *ibid.*, 1916-.

Associate in Horticulture, West Virginia Agricultural Experiment Station, 1914-.

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SOPHIA HENNION ECKERSON [1911-], Instructor in Plant Physiology.

A.B. Smith, 1905; Ph.D. Chicago, 1911; Assistant in Plant Physiology, *ibid.*, 1911-16; Instructor, *ibid.*, 1916-.

A Physiological and Chemical Study of After-Ripening. Doctor's thesis. *Botanical Gazette*, LV (1913), 286-99.

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GEORGE DAMON FULLER [1909-], Instructor in Ecology.

A.B. McGill, 1901; S.M. Chicago, 1912; Ph.D. *ibid.*, 1913; Assistant in Ecology, *ibid.*, 1909-13; Instructor, *ibid.*, 1913-.

Editor, articles on ecology, *New International Encyclopedia*, New York, 1915-16.

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CLIFTON DURANT HOWE [1903-4; 1907-], Extension Instructor in Botany; Assistant Professor of Botany and Forestry, University of Toronto.

A.B. Vermont, 1898; S.M. *ibid.*, 1901; Ph.D. Chicago, 1904; Assistant in Botany *ibid.*, 1903-4; Member of the Faculty, University of Toronto, 1908-; Extension Instructor in Botany, Chicago, 1907-.

Associate Editor, *Forest Quarterly*; Engaged in forest-survey work for the Commission of Conservation, Canada, 1909-.

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WANDA MAY PFEIFFER [1909-16], Instructor in Plant Pathology.

S.B. Chicago, 1904; Ph.D. *ibid.*, 1908; Assistant in Botany, *ibid.*, 1909-14; Instructor in Plant Pathology, *ibid.*, 1914-16.

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BURTON EDWARD LIVINGSTON [1902-5], Associate in Botany; Professor and Director of the Laboratory of Plant Physiology, Johns Hopkins University.

S.B. Michigan, 1898; Ph.D. Chicago, 1901; Assistant in Botany, *ibid.*, 1902-4; Associate, *ibid.*, 1904-5.

Member, Michigan Geological Survey, 1901-2; Collaborator, Bureau of Forestry, United States Department of Agriculture, 1902-3; Research Assistant, Carnegie Institution of Washington, 1904; Special Soil Expert, United States Bureau of Soils, 1904-5.

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FLORENCE MAY LYON (MRS. STRONG V. NORTON) [1903-7], Associate in Botany.

S.B. Chicago, 1897; Ph.D. *ibid.*, 1901; Associate in Botany, *ibid.*, 1903-7.

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LEONAS LANCELOT BURLINGAME [1907-8], Assistant in Botany; Associate Professor of Botany, Leland Stanford Junior University.

Ph.B. Ohio Northern University, 1901; A.B. Chicago, 1906; Ph.D. *ibid.*, 1908; Assistant in Botany, *ibid.*, 1907-8.

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REGINALD RUGGLES GATES [1908-9], Assistant in Morphology; with the British Army.

A.B. Mount Allison University, 1903; S.B. McGill University, 1906; Ph.D. Chicago, 1908; Assistant in Morphology, *ibid.*, 1908-9; Assistant in Botany, Marine Biological Laboratory, 1908-9.

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HEINRICH HASSELBRING [1903-7], Assistant in Botany; Plant Physiologist, United States Department of Agriculture, Washington.

S.B. Cornell, 1897; Ph.D. Chicago, 1905; Assistant in Botany, *ibid.*, 1903-7.

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WILLIAM BURNETT MCCALLUM [1905-6], Assistant in Botany.

B.S.A. Toronto, 1894; Ph.D. Chicago, 1904; Assistant in Botany, *ibid.*, 1905-6.

Regeneration in Plants. Doctor's thesis. *Botanical Gazette*, XL (1905), 97-120.

FLORENCE ANNA MCCORMICK [1909-13], Technical Assistant in Botany; Instructor in Botany, University of Nebraska, Lincoln.

A.B. Tennyson, 1897; S.M. *ibid.*, 1900; Ph.D. Chicago, 1914; Technical Assistant in Botany, *ibid.*, 1909-13.

A Study of *Symphyogyna aspera*. Doctor's thesis. *Botanical Gazette*, LVIII (1915), 401-18.

GEORGE HARRISON SHULL [1903-5], Assistant in Plant Physiology; Professor of Botany and Genetics, Princeton University.

S.B. Antioch College, 1901; Ph.D. Chicago, 1904; Assistant in Plant Physiology, *ibid.*, 1903-5.

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EVA ORMENTA SCHLEY, PH.D. 1914; Assistant in Physiology. See under Department of Physiology, p. 388.

LESTER WHYLAND SHARP, PH.D. 1912; Assistant Professor of Botany, New York State College of Agriculture, Ithaca.

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JOSEPH RALPH WATSON, Graduate Student.

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## THE DEPARTMENT OF PATHOLOGY

HARRY GIDEON WELLS [1901-], Professor of Pathology; Director of the Otho S. A. Sprague Memorial Institute.

Ph.B. Yale, 1895; M.D. Rush Medical College, 1898; Ph.D. Chicago, 1903; A.M. (hon.) Yale, 1912; Assistant Professor of Pathology, Chicago, 1904-9; Attending Pathologist, Cook County Hospital, 1905-; Associate Professor, Chicago, 1909-13; Director of the Otho S. A. Sprague Memorial Institute, 1911-; Professor of Pathology, Chicago, 1913-.

Editor of the department of Pathological Chemistry of the *Abstract Journal of the American Chemical Society*, 1906-; Member of the Editorial Committee, *Journal of Cancer Research*, 1916-; Associate Editor: *Journal of Infectious Diseases*, 1913-; *Journal of Immunology*, 1916-.

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RUSSELL MORSE WILDER, PH.D. 1911; Instructor, Rush Medical College. See under Department of Anatomy, p. 357.

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## THE DEPARTMENT OF HYGIENE AND BACTERIOLOGY

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S.B. Massachusetts Institute of Technology, 1888; Ph.D. Clark, 1892; Assistant Professor of Bacteriology, Chicago, 1895-1900; Associate Professor, *ibid.*, 1900-1907; Professor, *ibid.*, 1907-; Chairman of Department of Hygiene and Bacteriology, *ibid.*, 1914-.

Chief of Serum Division, Memorial Institute for Infectious Diseases, 1905-17; Vice-President, American Association for the Advancement of Science, 1917.

Joint Editor, *Journal of Infectious Diseases*, 1904-; Advisory Editor, *Journal of Bacteriology*, 1916-.

Special Investigator in Chicago Drainage Canal Case, 1904, and Los Angeles Aqueduct Case, 1915; Member of Commission for the Determination of a Standard of Purity for Drinking Water, appointed by the Secretary of Treasury, 1913-.

*Analyses of Chicago Market Milk (Report of the Civic Federation of Chicago)*. Pamphlet. 8vo, 19. Chicago, 1904.

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- The Importance of Water Supply Infection, *Engineering News*, LXVII (1912), 1119-20.
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- The Case for Pasteurization, *Journal of the American Medical Association*, LIX (1912), 1450-57.
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- The Quincy (Illinois) Typhoid Epidemic (with E. E. Irons), *ibid.*, XIII (1913), 16-29.
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NORMAN MACLEOD HARRIS [1903-], Assistant Professor of Bacteriology.

M.B. Toronto, 1894; M.R.C.S. and L.R.C.P. London, 1895; Assistant Professor of Bacteriology, Chicago, 1907-.

Captain in the Canadian Army Medical Corps, 1916-.

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- WILLIAM ERNEST CARY [1914-], Instructor in Hygiene and Bacteriology.  
S.B. Earlham College, 1912; Ph.D. Chicago, 1916; Assistant in Bacteriology, Chicago, 1914-16; Instructor, *ibid.*, 1916-.
- The Fate of Foreign Erythrocytes Introduced into the Blood Stream of a Rabbit, *Journal of Infectious Diseases*, XVII (1915), 432-36.
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PAUL GUSTAV HEINEMANN [1906-17], Instructor in Hygiene and Bacteriology; Standard Serum Co., Woodworth, Wisconsin.

S.B. Chicago, 1904; Ph.D. *ibid.*, 1907; Assistant in Bacteriology, *ibid.*, 1906-10; Associate, *ibid.*, 1910-12; Instructor, *ibid.*, 1912-17.

Member of the Committee on Standard Methods of Preparing Diphtheria Antitoxin; report published in *American Journal of Public Health*, II (1912), 43-46.

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- The Best Methods of Collecting and Transporting Milk Destined as Food for Infants, *Transactions of the Second Annual Meeting of the American Association for the Study and Prevention of Infant Mortality*, II (1911), 276-81.
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- The Dietetic and Therapeutic Value of Fermented Milks Prepared from Commercial Preparations, *Journal of the American Medical Association*, LVIII (1912), 1252-54.
- The Epidemic of Sore Throat in Chicago, *ibid.*, LIX (1912), 716.
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- Concentration of Antistreptococcic and Antigonococcic Sera (with L. C. Gatewood), *ibid.*, 416-20.
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WILLIAM BARNARD SHARP [1913-14; 1916-], Instructor in Hygiene and Bacteriology; Red Cross Hospital, Shanghai, China, 1916-.

A.B. University of the South, 1910; S.M. Chicago, 1914; M.D. Rush Medical College, 1914; Assistant in Bacteriology, Chicago, 1913-14; Instructor, *ibid.*, 1916-.

The Bacteriology of Vaginitis, *Journal of Infectious Diseases*, XV (1914), 283-92.

SAMUEL HENRY AYERS [1905-6], Assistant in Bacteriology; Bacteriologist, Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington, D.C.

S.B. Massachusetts Institute of Technology, 1905.

B. coli in Market Oysters, *Biological Studies by the Pupils of William T. Sedgwick* (1906), 300-303.

ROBERT EARLE BUCHANAN [1907-8], Assistant in Pathology and Bacteriology; Professor of Bacteriology and Hygiene, Dean of Division of Industrial Science, Iowa State College, Ames.

S.B. Iowa State College, 1904; Ph.D. Chicago, 1908; Instructor in Bacteriology, Iowa State College, 1904-6; Assistant Professor of Bacteriology, *ibid.*, 1906-7; Assistant in Pathology and Bacteriology, Chicago, 1907-8.

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MARY HEFFERAN [1902-12], Assistant and Curator of the Bacteriological Museum; Vice-President and Director of the D. A. Blodgett Home for Children, Grand Rapids, Mich.

A.B. Wellesley, 1896; Ph.D. Chicago, 1903; Curator of the Bacteriological Museum, *ibid.*, 1902-12; Assistant, *ibid.*, 1904-12.

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ERNEST EDWARD IRONS [1902-3], Assistant in Bacteriology; Assistant Professor of Medicine, Rush Medical College.

S.B. Chicago, 1900; Ph.D. *ibid.*, 1912; Assistant in Bacteriology, *ibid.*, 1902-3.

Three Outbreaks of Typhoid Fever Traced to Milk Infection (with E. O. Jordan), *Journal of the American Medical Association*, LVIII (1912), 169-72.

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ENRIQUE EDUARDO ECKER, PH. D. 1917.

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THOMAS HAIGH GLENN, PH.D. 1910; Director, Fort Dodge Clinical Laboratory, Fort Dodge, Iowa.

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†HERBERT MARCUS GOODMAN, PH.D. 1908.

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EMERY ROE HAYHURST, PH.D. 1916; Assistant Professor of Industrial Hygiene, Ohio State University, Columbus.

*Industrial Health-Hazards and Occupational Diseases in Ohio*. Doctor's thesis. 8vo, xviii+438. Columbus: F. J. Heer Printing Co., 1915.

KENNETH NOEL ATKINS, Graduate Student; Instructor in Bacteriology, Dartmouth College.

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IDA ALBERTINA BENGTON, Graduate Student; Research Assistant, Hygienic Laboratory, Washington, D.C.

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PAUL R. CANNON, Graduate Student; University of Chicago Ambulance Corps No. 3.

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DUDLEY WATSON DAY, Graduate Student.

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KATHERINE HOWELL, Graduate Student.

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MABEL JONES, Graduate Student.

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MARY C. LINCOLN, Graduate Student.

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G. BERTRAND SMITH, Graduate Student.

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DAVID DUKE TODD, Graduate Student.

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#### THE DEPARTMENT OF PUBLIC SPEAKING

SOLOMON HENRY CLARK [1894-], Associate Professor of Public Speaking.

Ph.B. Chicago, 1897; Assistant Professor of Public Speaking, *ibid.*, 1897-1901; Associate Professor, *ibid.*, 1901-.

*Handbook of Best Readings*. 16mo, xxvii+511. New York: Charles Scribner's Sons, 1903.

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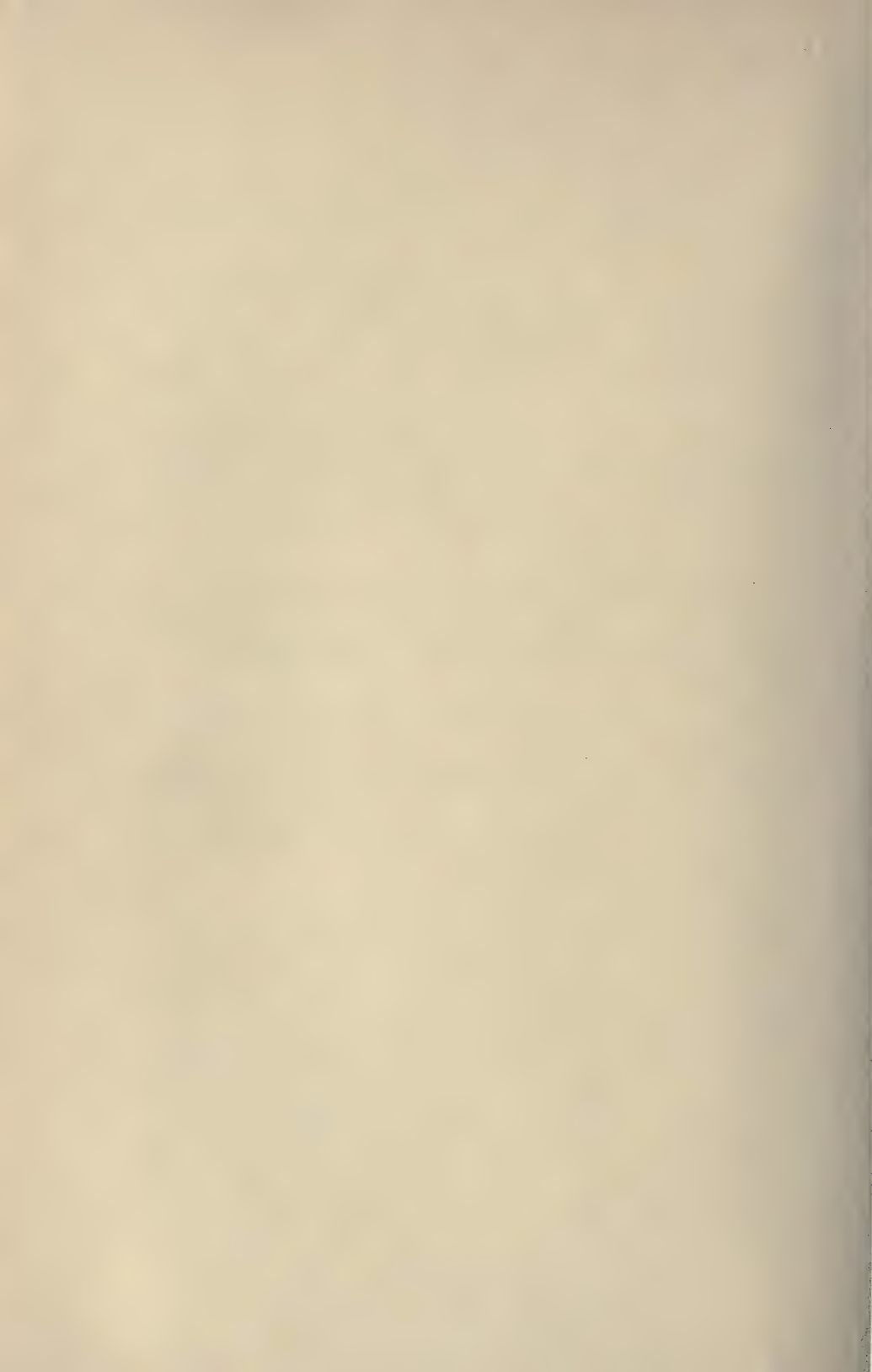
#### THE DEPARTMENT OF PHYSICAL CULTURE AND ATHLETICS

GERTRUDE DUDLEY [1898-], Associate Professor of Physical Culture.

Dean of Women and Lecturer, School of Physical Education, Yale, Summers, 1905, 1906, 1907; Assistant Professor of Physical Culture, Chicago, 1909-16; Associate Professor, *ibid.*, 1916-.

*Athletic Games in the Education of Women* (with Frances A. Kellor). 12mo, 263. New York: Henry Holt & Co., 1909.

## THE PROFESSIONAL SCHOOLS



## THE DIVINITY SCHOOL

### THE DEPARTMENT OF OLD TESTAMENT LITERATURE AND INTERPRETATION

*See under* Department of Oriental Languages and Literatures, p. 89.

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### THE DEPARTMENT OF NEW TESTAMENT AND EARLY CHRISTIAN LITERATURE

*See under* Department of New Testament and Early Christian Literature, p. 105.

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### THE DEPARTMENT OF SYSTEMATIC THEOLOGY

SHAILER MATHEWS [1894-], Professor of Historical and Comparative Theology and Chairman of the Department of Systematic Theology; Dean of the Divinity School.

A.B. Colby, 1884; D.D. *ibid.*, 1901; D.D. Oberlin, 1908; D.D. Brown 1914; LL.D. Pennsylvania College, 1914; Associate Professor of Rhetoric, Colby, 1887-89; Professor of History and Political Economy, *ibid.*, 1889-94; Associate Professor of New Testament History and Interpretation, Chicago, 1894-97; Professor, *ibid.*, 1897-1905; Professor of Systematic Theology, *ibid.*, 1905-6; Professor of Historical and Comparative Theology, *ibid.*, 1906-; Dean of the Divinity School, *ibid.*, 1908-.

President, Western Economic Society, 1911-; President, Federal Council of the Churches of Christ in America, 1912-16; President, Northern Baptist Convention, 1915-16; Director, Religious Work Department, Chautauqua Institute, 1912-; Trustee, Church Peace Union, 1913-; Lecturer, Haverford Library Foundation, 1907; Earle (Berkeley, Cal.), 1913; William Belden Noble (Harvard), 1916.

Associate Editor, *Biblical World*, 1894-1912; Editor, *ibid.*, 1912-; Associate Editor, *American Journal of Theology*, 1897-; Editor, *Christendom*, 1903; Editor, *World To-Day*, 1903-11; Contributing Editor, *Constructive Quarterly*, 1913-; Editor of: *New Testament Handbooks* (Macmillan Co.), 1899-; *Bible for Home and School* (Macmillan Co.), 1910-; "Social Betterment Series" (Appleton & Co.), 1911-; Publications of Social Service Commission Northern Baptist Convention, 1909-12; Woman Citizen's Library. Chicago: Civics Society, 1913; American Editor, *Hastings' Dictionary of the Bible*, 1 vol., Charles Scribner's Sons, 1909; Joint Editor, "University of Chicago Publications in Religious Education."

Member, Social Service Commission of the Federal Council of the Churches of Christ in America, 1908-; Committee on Social Service, Northern Baptist Convention, 1907-; Representative, Christian Embassy to Japan, Federal Council of the Churches of Christ in America (report published 1915).

*Principles and Ideals for the Sunday School* (with E. D. Burton). 8vo, viii+208. Chicago: University Press, 1903.

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GERALD BIRNEY SMITH [1900-], Professor of Christian Theology.

A.B. Brown, 1891; D.B. Union Theological Seminary, 1898; D.D. Brown, 1909; Assistant Professor of Systematic Theology, Chicago, 1904-6; Associate Professor, *ibid.*, 1906-13; Professor, *ibid.*, 1913-.

Nathaniel W. Taylor Lecturer, Yale Divinity School, 1912.

Managing Editor, *American Journal of Theology*, 1905-; Editor of *A Guide to the Study of the Christian Religion*. 8vo, ix+759. Chicago: University Press, 1916.

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HENRY BURKE ROBINS, PH.D. 1912; Professor of the History and Philosophy of Religion and Missions, Rochester Theological Seminary, Rochester, N.Y.

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CHARLES MANFORD SHARPE, PH.D. 1912; Assistant Professor of Systematic Theology, Disciples Divinity House, Chicago.

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ARTHUR CLINTON WATSON, PH.D. 1915; Head of the Department of Philosophy and History of Christianity, Rockford College, Rockford, Ill.

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#### THE DEPARTMENT OF CHURCH HISTORY

ANDREW CUNNINGHAM McLAUGHLIN [1906-], Professor and Head of the Department of History, and Head of the Department of Church History. *See under* Department of History, p. 54.

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Graduate, Hamilton Theological Seminary, 1861; D.D. Jena, 1869; LL.D. Ottawa University, 1898; President, *ibid.*, 1890-92; Assistant Professor of Church History and Homiletics, Chicago, 1892-94; Associate Professor, *ibid.*, 1894-95; Professor, *ibid.*, 1895-1908; Professor Emeritus, 1908-16.

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ERRETT GATES [1910-], Assistant Professor of Church History in the Disciples' Divinity House.

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CURTIS HOWE WALKER [1909-], Assistant Professor of History. *See under* Department of History, p. 62.

PETER GEORGE MODE [1913-], Instructor in Church History.

A.B. McMaster, 1897; Th.B. *ibid.*, 1899; Ph.D. Chicago, 1914; Professor of History and Church History, Brandon College, Manitoba, 1906-12; Assistant in History, Chicago, 1913; Instructor in Church History, *ibid.*, 1914-.

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NELS SORENSON LAWDAHL [1893; 1895-1913], Instructor (Danish-Norwegian Theological Seminary) in Church History, History, and Greek; Des Moines College, Des Moines, Iowa.

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WILLIAM HENRY ALLISON, PH.D. 1905; Professor of Ecclesiastical History, Colgate University, Hamilton, N.Y.

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ROLVIX HARLAN, PH.D. 1906; President of Sioux Falls College, Sioux Falls, S.D.

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ARTHUR HENRY HIRSCH, PH.D. 1915; Professor of History, Morningside College, Sioux City, Iowa.

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### THE DEPARTMENT OF PRACTICAL THEOLOGY

THEODORE GERALD SOARES [1906-], Professor of Homiletics and Religious Education, and Head of the Department of Practical Theology.

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Member of the Editorial Committee, *American Journal of Theology*, 1906-; *Biblical World*, 1906-; Joint Editor, "University of Chicago Publications in Religious Education," 1914-; Editor, *University of Chicago Sermons*, 8vo, 348. Chicago: University Press, 1915.

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GALUSHA ANDERSON [1892-], Professor Emeritus of Homiletics; Newton Center, Mass.

A.B. Rochester, 1854; S.T.D. *ibid.*, 1866; LL.D. Rochester and Madison (now Colgate), 1884; Professor of Sacred Rhetoric, Church Polity, and Pastoral Duties, Newton Theological Institution, 1866-73; President of the Old University of Chicago, 1878-85; President of Denison, 1887-90; Professor of Homiletics, Church Polity, and Pastoral Duties, Baptist Union Theological Seminary, 1890-92; Professor and Head of the Department of Homiletics, Chicago, 1892-1904; Professor Emeritus of Homiletics, *ibid.*, 1904-.

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HERBERT FRANCIS EVANS [1908-], Extension Professor of Religious Education; Professor of Biblical Literature and Religious Education, Grinnell College, Grinnell, Iowa.

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†BENJAMIN ALLEN GREENE [1909-15], Professorial Lecturer on Practical Theology.

A.B. Brown, 1872; D.D. *ibid.*, 1893; Member, Board of Trustees, Divinity School, Chicago, 1901-15; Professorial Lecturer on Practical Theology, *ibid.*, 1909-15.

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OLAF HEDEEN [1896-1912], Assistant Professor (in the Swedish Theological Seminary) of Practical Theology and Exegesis; Pastor, Englewood Swedish Baptist Church, Chicago.

A.B. Upsala, Sweden, 1882; S.M. *Candidatus*, Evangelical Lutheran Augustana Synod, 1885; Assistant Professor (in the Swedish Theological Seminary) of Practical Theology and Exegesis, Chicago, 1896-1912.

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## THE DEPARTMENT OF SOCIOLOGY

(IN THE DIVINITY SCHOOL)

ALBION WOODBURY SMALL [1892-], Professor and Head of the Department of Sociology; Dean of the Graduate School of Arts and Literature. See under the Department of Sociology and Anthropology, p. 68.

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A.B. Old University of Chicago, 1870; D.B. Baptist Union Theological Seminary, 1873; D.D. *ibid.*, 1883; Ph.D. Leipzig, 1901; Assistant Professor of Sociology and University Recorder, Chicago, 1892-94; University Chaplain, *ibid.*, 1892-1915; Associate Professor of Sociology, *ibid.*, 1894-97; Professor, *ibid.*, 1897-1915; Head of the Department of Sociology in the Divinity School, *ibid.*, 1904-15. Barrows Lecturer to India, 1912-13.

Associate Editor *American Journal of Sociology*; Member of the Editorial Committee of the *American Journal of Theology* and of the *Biblical World*.

President of the International Prison Commission and of the National Prison Association: *Report of the Proceedings of the Eighth International Prison Congress*, 1910. 8vo, 62. Washington, D.C.: Document, No. 52, House of Representatives, Sixty-third Congress, First session, May 23, 1913; Report on Preventive and Reformatory Work, Proceedings of the National Prison Association (1904), 127-39; Report to the Governor of Illinois on *Outdoor Labor for Convicts*. 8vo, xv+154. Chicago: University Press, 1907; Secretary and Editor of the Mayor's Commission on Unemployment in Chicago: Pamphlet, 1914; Contributor to the *Report of the Royal Commission on the Poor Laws and Relief of Distress*, London, 1908; President of the National Conference of Charities and Correction (1899); President of the National Child Welfare Association; Secretary of the Illinois State Commission on Occupational Diseases (1911), and Editor of the report.

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SCOTT ELIAS WILLIAM BEDFORD [1911-], Associate Professor of Sociology. See under Department of Sociology and Anthropology, p.74.

ERNEST WATSON BURGESS [1916-], Assistant Professor of Sociology. See under Department of Sociology and Anthropology, p. 77.

FRANK GRAVES CRESSEY, PH.D. 1903; Los Angeles, Cal.

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RICHARD ROY PERKINS, PH.D. 1905; Secretary, Young Men's Christian Association, Portland, Ore.

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SAMUEL NICHOLAS REEP, PH.D. 1911; Assistant Professor, University of Minnesota.

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ALBERT JUDSON STEELMAN, PH.D. 1905; West Caldwell, N.J.

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## THE LAW SCHOOL

JAMES PARKER HALL [1902-], Professor of Law; Dean of the Law School.

A.B. Cornell, 1894; LL.B. Harvard, 1897; Lecturer on Constitutional Law and Real Property, Buffalo Law School, 1898-1900; Associate Professor of Law, Leland Stanford Junior, 1900-1902; Professor of Law, Chicago, 1902-; Dean of the Law School, *ibid.*, 1904-.

Director of American Judicature Society, 1913-.

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JOSEPH HENRY BEALE, JR. [1902-4], Professor of Law; Dean of the Law School; Royall Professor of Law, Harvard University.

A.B. Harvard, 1882; A.M., LL.B. *ibid.* 1887; LL.D., Wisconsin, 1904; LL.D. Chicago, 1904; Lecturer on Law, Harvard, 1891-92; Assistant Professor of Law, *ibid.*, 1893-97; Professor of Law, *ibid.*, 1898-; Professor of Law and Dean of the Law School, Chicago (on leave of absence from Harvard), 1902-4.

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HARRY AUGUSTUS BIGELOW [1904-], Professor of Law.

A.B. Harvard, 1896; LL.B. *ibid.*, 1899; Assistant Professor of Law, Chicago, 1904-6; Associate Professor, *ibid.*, 1906-9; Professor, *ibid.*, 1909-.

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WALTER WHEELER COOK [1910-16], Professor of Law; Professor of Law, Yale Law School.

A.B. Columbia, 1894; LL.M. *ibid.*, 1901; Assistant Professor of Law, Nebraska, 1902-3; Professor of Law, *ibid.*, 1903-4; Professor of Law, Missouri, 1904-6; Professor of Law, Wisconsin, 1906-10; Professor of Law, Chicago, 1910-16.

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ERNST FREUND [1894-], Professor of Jurisprudence and Public Law.

J.U.D. Heidelberg, 1884; Ph.D. Columbia, 1897; Professor of Administrative Law and Municipal Corporations (*locum tenens*), *ibid.*, 1892-93; Assistant Professor of Roman Law and Jurisprudence, Chicago, 1895-1900; Associate Professor of Jurisprudence and Public Law, *ibid.*, 1900-1902; Professor of Law, *ibid.*, 1902-. President of the American Political Science Association, 1915.

Member of the Illinois Commission on Uniformity of Legislation, 1908-; Member, Special Committee of the American Bar Association on Legislative Drafting; Reports: (1) Language and Arrangement of Statutes, *Reports of the American Bar Association*, XXXIX (1914), 632-58; (2) Administrative Regulations, *ibid.*, XL (1915), 537-69; (3) Provisions for Licensing, *American Bar Association Journal*, II (1916), 456-87.

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EDWARD WILCOX HINTON [1913-], Professor of Law.

LL.B. Columbia, 1891; Professor of Law, Missouri; 1904-13; Dean of Law School, *ibid.*, 1912-13; Professor of Law, Chicago, 1913-.

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\*JULIAN WILLIAM MACK [1902-], Professor of Law.

LL.B. Harvard, 1887; Professor of Law, Northwestern, 1895-1902; Professor of Law, Chicago, 1902-.

Judge of Circuit Court, Cook County, Illinois, 1903-11; Judge of Appellate Court, First District, Illinois, 1909-11; United States Circuit Judge, 1911-.

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FLOYD RUSSELL MECHEM [1903-], Professor of Law.

A.M. (hon.) Michigan, 1894; LL.D. *ibid.*, 1912; Tappan Professor of Law, *ibid.*, 1892-1903; Professor of Law, Chicago, 1903-.

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UNDERHILL MOORE [1914-16], Professor of Law; Professor of Law, Columbia Law School.

A.B. Columbia, 1900; LL.B. *ibid.*, 1902; Associate Professor of Law, Kansas, 1906-8; Associate Professor of Law, Wisconsin, 1908-10; Professor of Law, *ibid.*, 1910-14; Professor of Law, Chicago, 1914-16.

Editor of the fourth edition of C. P. Norton's *Handbook of the Law of Bills and Notes*. 8vo, x+732. St. Paul: West Publishing Co., 1914.

CLARKE BUTLER WHITTIER [1902-14], Professor of Law; Professor of Law, Leland Stanford Junior University.

A.B. Leland Stanford Junior, 1893; LL.B. Harvard, 1896; Instructor in Law, Leland Stanford Junior, 1897-99; Assistant Professor, *ibid.*, 1899-1900; Associate Professor, *ibid.*, 1900-1902; Professor of Law, Chicago, 1902-14.

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ROSCOE POUND, Professor of Law, 1909-10; Professorial Lecturer on Mining and Irrigation Law, 1910-; Story Professor of Law, Harvard University, 1910-.

A.B. Nebraska, 1888; Ph.D. *ibid.*, 1897; LL.D. Michigan, 1913; LL.M. (hon.) Northwestern, 1908; LL.D. Chicago, 1916; Assistant Professor of Law, Nebraska, 1899-1903; Commissioner of Nebraska Supreme Court, 1901-3; Dean of College of Law, Nebraska, 1903-7; Professor of Law, Northwestern, 1907-9; Professor of Law, Chicago, 1909-10; Professorial Lecturer on Mining and Irrigation Law, *ibid.*, 1910-.

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HERMAN ENZLA OLIPHANT [1914-], Associate Professor of Law.

A.B. Indiana, 1909; J.D. Chicago, 1914; Instructor in Marion Normal School, 1909-11; Instructor, Chicago, 1914-16; Assistant Professor, *ibid.*, 1916-17; Associate Professor, *ibid.*, 1917-.

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## THE SCHOOL OF EDUCATION

### THE GRADUATE DEPARTMENT OF EDUCATION

*See under* Department of Education, p. 22.

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### THE COLLEGE OF EDUCATION

CHARLES HUBBARD JUDD [1909-], Professor and Head of the Department of Education; Director of the School of Education. *See under* Department of Education, p. 22.

JOHN DEWEY [1893-1904], Professor and Head of the Department of Philosophy; Director of the School of Education; Head of the Department of Philosophy, Columbia University. *See under* Department of Philosophy, p. 5.

FRANKLIN WINSLOW JOHNSON [1905-], Principal of the University High School; Lecturer in Secondary Education. *See under* University High School, p. 489.

†WILBUR SAMUEL JACKMAN [1901-7], Principal of the University Elementary School; Professor of the Teaching of Natural Science. *See under* University Elementary School, p. 497.

NATHANIEL BUTLER [1893-95; 1901-], Professor of Education; Director of Co-operation with Secondary Schools; Dean of University College. *See under* Department of Education, p. 24.

OTIS WILLIAM CALDWELL [1907-16], Professor of Botany and Supervisor of Natural Science, School of Education; Professor of Education and Director of the Lincoln School, Teachers College, Columbia University.

S.B. Franklin, 1894; Ph.D. Chicago, 1898; Professor of Botany, Eastern Illinois State Normal School, 1899-1907; Associate Professor of Botany, School of Education, Chicago, 1907-15; Dean of University College, Chicago, 1913-16; Professor of Botany, *ibid.*, 1915-16.

Editor of the Botanical department of *School Science and Mathematics*, 1907-10; of Botanical articles in Monroe's *Cyclopedia of Education*, 1912; and of a series of science textbooks for high schools, Ginn & Co., 1909-16.

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Chairman of the Permanent Committee of the Central Association of Science and Mathematics Teachers on the Unified Four-Year Science Course for High Schools; Report in *School Science and Mathematics*, XIV (1914), 165-69; see also *Proceedings of the Central Association of Science and Mathematics Teachers* (1914), 18-21; Chairman of the Committee on Science of the National Education Association's Commission on Reorganization of Secondary Education, 1916-; Member of the Committee on Minimum Essentials of the National Education Association.

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- GEORGE WILLIAM MYERS [1901-], Professor of the Teaching of Mathematics and Astronomy, and Mathematical Supervisor, School of Education.
- B.L. Illinois, 1888; Ph.D. Munich, 1896; Assistant Professor of Mathematics, Illinois, 1890-95; Associate Professor, *ibid.*, 1895-96; Associate Professor of Astronomy and Mathematics, and Director of Observatory, *ibid.*, 1895-97; Professor of Astronomy and Applied Mathematics, *ibid.*, 1897-1900; Head of Astronomy and Mathematics, Chicago Institute, 1900-1901; Professor of the Teaching of Mathematics and Astronomy, and Mathematical Supervisor, the School of Education, Chicago, 1901-.
- Editor, Mathematical department, *School Science and Mathematics*, 1901-9; Astronomical department, *ibid.*, 1901-; Mathematical publications of Scott, Foresman & Co., Chicago; *The School of Education Texts and Manuals* ("University of Chicago Mathematical Series").
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SAMUEL CHESTER PARKER [1909-], Professor of Education. *See under* Department of Education, p. 25.

WALTER SARGENT [1909-], Professor of Art Education.

State Supervisor of Manual Arts, Massachusetts, 1903-6; Director of Drawing and Manual Training, Boston, 1906-9; Professor of Fine and Industrial Art in Relation to Education, Chicago, 1909-.

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JAMES HAYDEN TUFTS [1892-], Professor and Head of the Department of Philosophy. *See under* Department of Philosophy, p. 3.

ZONIA BABER [1901-], Associate Professor of the Teaching of Geography and Geology, College of Education.

S.B. Chicago, 1904; Associate Professor of the Teaching of Geography and Geology, *ibid.*, 1901-.

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JOHN FRANKLIN BOBBITT [1910-], Associate Professor of School Administration. *See under* Department of Education, p. 26.

WALTER FENNO DEARBORN [1909-12], Associate Professor of Education; Professor of Education, Harvard University. *See under* Department of Education, p. 27.

ELLIOT ROWLAND DOWNING [1911-], Associate Professor of Natural Science, College of Education.

S.B. Albion, 1889; Ph.D. Chicago, 1901; Professor of Biology, Northern State Normal School, Michigan, 1901-11; Assistant Professor of Zoölogy, College of Education, Chicago, 1911-14; Associate Professor of Natural Science, *ibid.*, 1914-.

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FRANK NUGENT FREEMAN [1909-], Associate Professor of Educational Psychology. *See under* Department of Education, p. 27.

MARCUS WILSON JERNEGAN [1902-6; 1908-], Associate Professor of History. *See under* Department of History, p. 60.

CARL JOHANNES KROH [1901-7], Assistant Professor of the Teaching of Physical Training, College of Education; Department of Physical Training, Indianapolis Public Schools.

Friedrich Knopp's Institute, Baltimore, 1860-67; Turnlehrer Seminar, Milwaukee, 1878-79; Head of Department of Physical Training, Cook County and Chicago Normal School, 1891-99; Assistant Professor of Physical Training, University of Chicago, 1901-7.

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FRANK MITCHELL LEAVITT [1910-], Associate Professor of Industrial Education and Supervisor of Industrial Education. *See under* Department of Education, p. 29.

GEORGE HERBERT LOCKE [1899-1905], Associate Professor of Education; Dean of the College of Education; Chief Librarian, Public Library, Toronto.

A.B. Toronto, 1893; A.M. *ibid.*, 1896; Instructor in the History and Art of Teaching, Harvard, 1897-99; Instructor in Pedagogy, Chicago, 1899-1901; Assistant Professor of Education, *ibid.*, 1901-4; Associate Professor, *ibid.*, 1904-5.

Editor, *School Review*, 1900-1905.

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HERMAN CAMPBELL STEVENS [1913-], Associate Professor of Education. *See under* Department of Education, p. 30.

KATHARINE BLUNT [1913-], Assistant Professor of Food Chemistry; Home Economics.

A.B. Vassar, 1898; Ph.D. Chicago, 1907; Assistant in Chemistry, Vassar, 1903-5; Instructor in Chemistry, Pratt Institute, 1907-8; Instructor in Chemistry, Vassar, 1908-13, Assistant Professor of Food Chemistry, Chicago, 1913-.

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WILLARD CLARK GORE [1902-16], Assistant Professor of Psychology, College of Education. *See under* Department of Education, p. 31.

WILLIAM SCOTT GRAY [1914-], Assistant Professor of Education; Dean of the College of Education. *See under* Department of Education, p. 31.

ALICE PELOUBET NORTON [1901-13], Assistant Professor of Household Administration. *See under* Household Administration, p. 86.

HAROLD ORDWAY RUGG [1915-], Assistant Professor of Education. *See under* Department of Education, p. 32.

ROLLA MILTON TRYON [1913-], Assistant Professor of the Teaching of History, College of Education.

A.B. Indiana, 1907; Ph.D. Chicago, 1915; Superintendent, City Schools, Madison, Indiana, 1909-11; Instructor in the Teaching of History, Chicago, 1913-15; Assistant Professor, *ibid.*, 1915-.

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LILLIAN CUSHMAN BROWN [1897-]; Instructor in Art.

Ph.B. Chicago, 1909; Instructor in Drawing, Art Institute, 1891; Art Instructor, Kemper Hall, Kenosha, Wis., 1893; Supervisor of Art and Grammar in High Schools, Highland Park, 1897-1902; Instructor in Art, Chicago, 1903-.

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CLARA MAY FEENEY, [1913-16], Instructor in Home Economics and Household Art; Director, Institution Economics, Miami University, Oxford, Ohio.

A.B. Miami, 1908; B.S. and Diploma in Teaching Domestic Science, Teachers College, Columbia, 1911; Laboratory Assistant in Zoölogy, Miami, 1908; Instructor, Stout Institute, 1912; Instructor, Western College for Women, 1913; Instructor in Home Economics and Household Art, Chicago, 1913-16.

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GRACE GORDON HOOD [1913-14], Instructor in Home Economics; Assistant Professor, Domestic Science, Lewis Institute, Chicago.

B.S. Columbia, 1912; A.M. *ibid.*, 1913; Associate in Arts, Lewis Institute, 1907; Associate in Domestic Economy, *ibid.*, 1908; Instructor in Cooking, *ibid.*, 1909-11; Instructor in Cooking, Speyer School, New York, 1911-12; Instructor in Domestic Science and Art, Berkeley Institute, 1912-13; Instructor in Home Economics, Chicago, 1913-14.

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IRA BENTON MEYERS [1902-11], Instructor in the Teaching of Natural Science, School of Education; Curator of the Museum.

B.E. Cook County Normal School, 1894; Curator of Chicago Institute, 1900-1901; Instructor, School of Education, 1902-11.

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JONATHAN FRENCH SCOTT [1910-13], Instructor in the History of Education; Cambridge, Mass. *See under* Department of Education, p. 32.

ELEANOR SMITH [1902-10], Instructor in Music; Hull-House, Chicago.

Instructor in Music, Chicago Kindergarten College, Froebel Kindergarten School, 1893-94; Founder of Hull-House Music School, 1895; Instructor in Music, Chicago, 1902-10.

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IDA CASSA HEFFERAN [1902], Assistant in Art; Los Angeles, Cal.

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HOWARD MUMFORD JONES [1914-16], Assistant in English.

A.B. Wisconsin, 1914; A.M. Chicago, 1915; Assistant in English, *ibid.*, 1914-16. Editorial Board, *School Review*, 1914-16.

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HAZEL BYRDE SMITH [1915-16], Assistant in Music, School of Education.

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### THE UNIVERSITY HIGH SCHOOL

FRANKLIN WINSLOW JOHNSON [1905-], Principal of the University High School; Lecturer in Secondary Education.

A.B. Colby College, 1891; L.H.D. *ibid.*, 1916; Principal, High School, Calais, Me., 1891-94; Principal, Coburn Classical Institute, Waterville, Me., 1894-1905; Principal, Academy for Boys, Morgan Park, 1905-7; Assistant Dean, University High School, Chicago, 1907-9; Principal, *ibid.*, 1909-.

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FRANCES RAMSAY ANGUS, A.B. [1902-], Instructor in French.

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†EDWIN SHERWOOD BISHOP, PH.D. [1909-16], Instructor in Physics.

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MARY PUTNAM BLOUNT, PH.D. [1906-12], Instructor in Biology; Instructor in Science, Chicago Normal School.

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† Deceased.

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ERNST RUDOLPH BRESLICH, A.M. [1904-], Instructor in Mathematics.

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ROY HUTCHISON BROWNLEE, PH.D. [1901-7], Instructor in Chemistry; President, R. H. Brownlee Laboratory, Pittsburgh.

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WILBERT LESTER CARR, A.M. [1909-], Instructor in Latin and Greek; Assistant to the Principal.

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JOHN MAXWELL CROWE, A.M. [1903-], Instructor in English.

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ARNOLD DRESDEN, PH.D. [1907-9], Instructor in Mathematics; Assistant Professor of Mathematics, University of Wisconsin.

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WILLIAM LEWIS EIKENBERRY, S.B. [1914-16], Instructor in Botany; School of Education, University of Kansas, Lawrence.

Editor of the Botanical department, *School Science and Mathematics*, 1911-.

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EARL BIXBY FERSON [1903; 1907-14], Instructor in Drawing.

*The Tower Clock for the University of Chicago*. iv+52. Chicago: American Jeweler, 1903.

GLEN MOODY HOBBS, PH.D. [1893-1906], Instructor in Physics; Secretary and Educational Director, American School of Correspondence, Chicago.

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SAMUEL CARLISLE JOHNSTON, A.M. [1903-10], Instructor in Greek.

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NAMA A. LATHE [1913-], Instructor in Drawing.

Course of Study in Art in the High School, School of Education, the University of Chicago (with Walter Sargent), *School Review*, XXIV (1916), 409-25.

HARRIS FRANKLIN MACNEISH, PH.D. [1903-8], Instructor in Mathematics; Instructor in Mathematics, DeWitt Clinton High School, New York.

*First-Year Mathematics for Secondary Schools* (joint author). xii+365. Chicago: University Press, 1909.

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ARTHUR WESLEY MARTIN, PH.D. [1913-14], Assistant in Chemistry; Professor of Chemistry and Physics, University of Nanking, Nanking, China.

*The Conductivity (and Viscosity) of Some Formates and of Hydrogen Chloride in (Anhydrous) Formic Acid. Cases of Apparent Agreement of Strong Electrolytes with the Mass Law.* Doctor's thesis. 8vo, 34.  
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ROBERT MAURICE MATHEWS, A.B. [1909-12], Instructor in Mathematics.

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*Teacher's Manual for First-Year Mathematics* (joint author). 12mo, ix+164. Chicago: University Press, 1911.

SARAH LOUISE MITCHELL, PH.B. [1909-13], Librarian; Art Institute, Chicago.

*A List of Books Suited to a High-School Library* (with instructors in the University High School), *United States Bureau of Education Bulletin*, No. 545, 1913.

WILLIAM JAMES MONILAW, M.D. [1910-], Instructor in Physical Education.

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WALTER PIETY MORGAN, PH.M. [1908-10], Assistant in Mathematics; President, Western Illinois State Normal School, Macomb, Ill.

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JULIA ANNA NORRIS, M.D. [1907-12], Instructor in Hygiene and Physical Education; School Physician; Director and Assistant Professor in the Department of Physical Education for Women, University of Minnesota.

A Graded Course in Schoolroom Gymnastics (five articles), *Elementary School Teacher*, XI (1910), 105-18, 186-204; XI (1911), 341-59, 485-95, 505-16.

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WILLIAM DAVID REEVE, S.B. [1910-15], Instructor in Mathematics; University High School, University of Minnesota.

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LYDIA MARIE SCHMIDT, Ph.B. [1903-], Instructor in German.

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RALEIGH SCHORLING, A.B. [1912-17], Instructor in Mathematics; Lincoln School, New York.

*A Review of High-School Mathematics* (with W. D. Reeve). 12mo, x+70. Chicago: University Press, 1915.

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HARRY FLETCHER SCOTT, A.M. [1903-], Instructor in Latin.

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FRANK HENRY SELDEN [1905-7], Instructor in Shopwork and Drawing; Valley City, S.D.

*Elementary Woodwork*. 16mo, 206. Chicago: Rand McNally & Co., 1906.

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CHARLES HENRY VAN TUYL, A.B. [1902-13], Instructor in Latin.

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WILLIAM ROCKWELL WICKES, A.M. [1903-12], Instructor in Mathematics; Los Angeles, Cal.

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HORACE CARPENTER WRIGHT, PH.B. [1914-], Instructor in Mathematics.

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### THE UNIVERSITY ELEMENTARY SCHOOL

HARRY ORRIN GILLET, S.B. [1900-], Principal of the University Elementary School.

*Practical English* (with Potter and Jeschke). Books I and II. 12mo, xv+280, x+413. Boston: Ginn & Co., 1916.

*Oral and Written English* (with Potter and Jeschke). Books I and II. 12mo, xix+329+xviii, viii+420+xxvi. Boston: Ginn & Co., 1917.

†WILBUR SAMUEL JACKMAN [1901-7], Principal of the University Elementary School; Professor of the Teaching of Natural Science. State Normal School, California, 1877; A.B. Harvard, 1884; Dean and Head of the Department of Natural Science, Chicago Institute, 1900-1901; Dean of the College of Education, Chicago, 1901-4; Principal of the Elementary School, *ibid.*, 1904-7.

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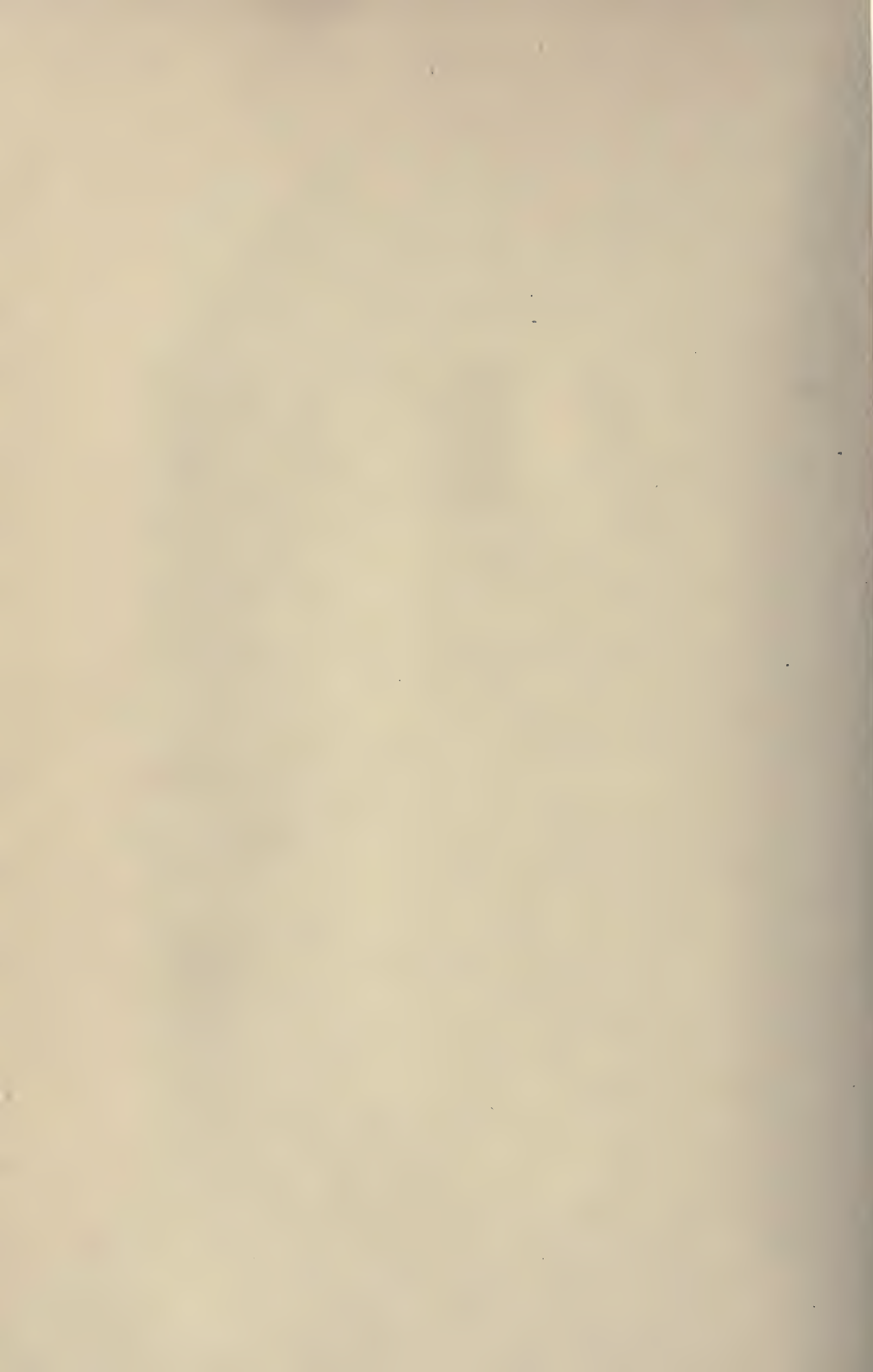
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A.B. Chicago, 1898; Fellow in Political Economy, *ibid.*, 1899-1900; University Auditor, *ibid.*, 1901-.

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GEORGIA LOUISE CHAMBERLIN [1891-], Secretary, American Institute of Sacred Literature.

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HORACE SPENCER FISKE [1894-], Publication Department, University Press.

A.B. Beloit, 1882; A.M. Michigan, 1885; Extension Lecturer in English Literature, Chicago, 1894-1912; Assistant Recorder, 1903-13; Publication Department, University Press, 1913-.

Literary Editor, *World Review*, 1901-2; Editor, *University Record*, Chicago, 1903-8; Joint Editor, *University of Chicago Magazine*, 1908-14.

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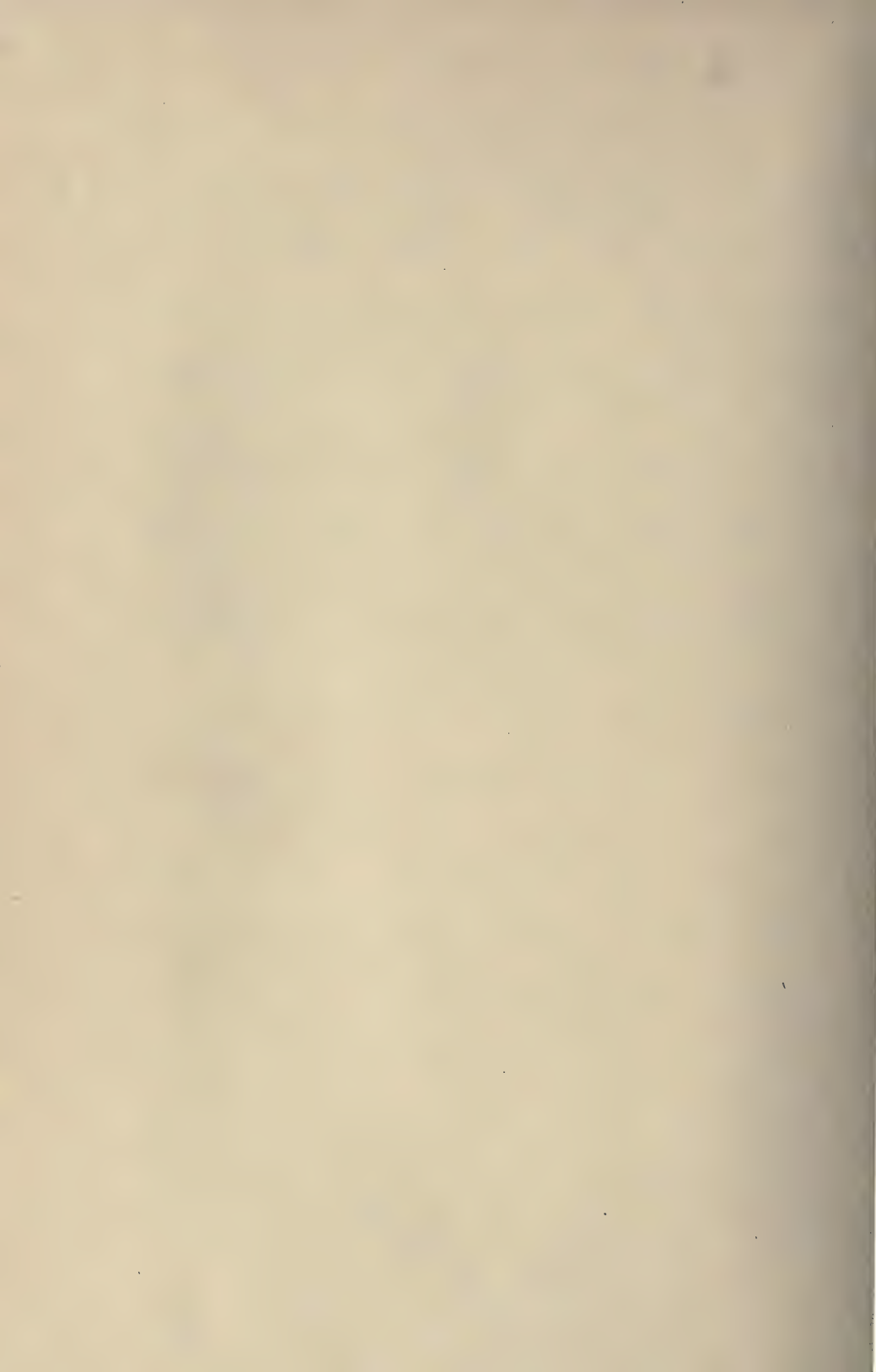
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M.D. Northwestern University Woman's Medical School, 1896; Assistant Professor of Medicine, *ibid.*, 1897-1900; Assistant Professor of Pediatrics, and later of Neurology, Rush Medical College, 1904-13; Assistant Professor of Medicine, *ibid.*, 1913-; Medical Director, University Elementary and High Schools, Chicago, 1913-; Medical Adviser for Women, University of Chicago, 1913-.

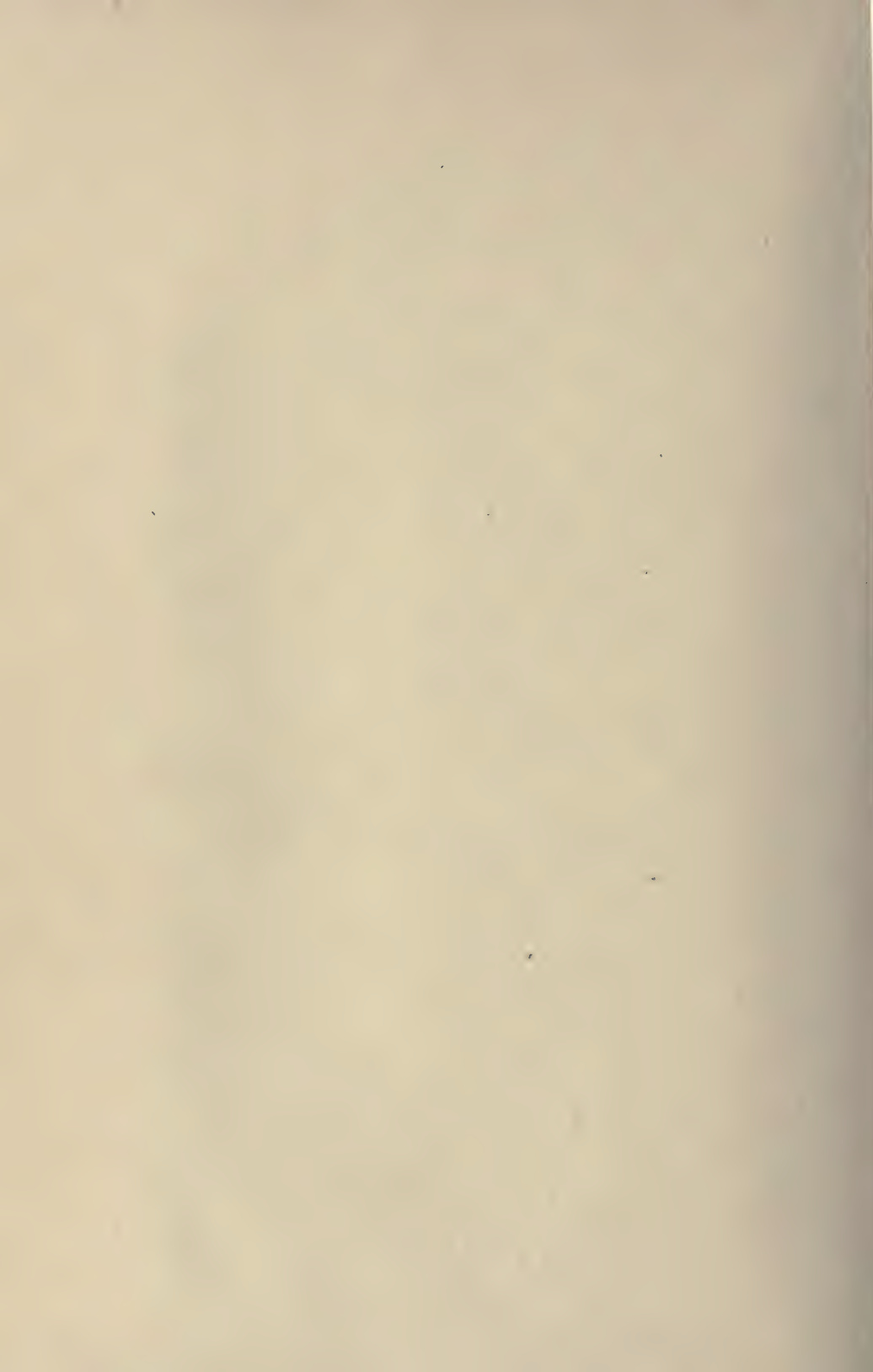
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